NOTICES OF PROPOSED RULEMAKING Initiated Before January 1, 1995

Unless exempted by A.R.S. § 41-1055, each agency shall begin the rulemaking process by first filing a Notice of Proposed Rulemaking with the Governor's Regulatory Review Council as specified by A.R.S. § 41-1052. The agency shall also submit the text of the rules being proposed, an estimate of the economic impact, and a cost/benefit analysis of the proposed action. Following the Council's review and approval of the rule, the Council shall forward the rule to the Office of the Secretary of State for filing and publication in the Arizona Administrative Register.

Under the Administrative Procedure Act (A.R.S. § 41-1001 et seq.), an agency must allow at least 30 days to elapse after the publication of the Notice of Proposed Rulemaking in the Register before beginning any proceedings for adoption, amendment, or repeal of any rule. A.R.S. §§ 41-1013 and 41-1022 and A.A.C. R1-2-202.

TITLE 4. PROFESSIONS AND OCCUPATIONS CH. 1. BOARD OF ACCOUNTANCY

The undersigned hereby gives notice that pursuant to the statutory authority of A.R.S. §§ 32-701, 32-703, 32-730, 32-735, 32-741, and 32-743, the following actions are proposed:

Repeal:

R4-1-453. Continuing Professional Education

Requirement

Adopt:

R4-1-453. Continuing Professional Education

Requirement

Amend:

R4-1-101. Definitions

R4-1-114. Contested Cases: Hearing

R4-1-455. Rules of Professional Conduct: Independence, Integrity, and Objectivity

Summary

The Accountancy Board proposes to:

- Repeal/adopt R4-1-453 to clarify specific continuing professional education requirements to provide a limit on hours claimed for credit as a lecturer and/or an author, eliminate self-declaration as a basis for determining credit for publications, authorize the Board to require documentation for continuing professional education reported to the Board, and establish the Board's authority to conduct audits of continuing professional educa-
- Amend R4-1-101 to allow the Board to register PLLC's, which would correspond to the statutes.
- Amend R4-1-114 in an effort to eliminate duplication of language in A.R.S. Title 41, Chapter 6,

- Article 6, Adjudicative Proceedings, setting forth procedures to be followed by the Board in con-
- Amend R4-1-455 to correspond with A.R.S. § 32-741(A)(11) and (12) and to clarify the circumstances under which a certified public accountant may accept a commission and/or a contingent fee.

Governor's Regulatory Review Council

The proposed rules with the economic impact, cost/benefit analysis, and impact on small businesses were heard by the Governor's Regulatory Review Council on May 2, 1995.

Opportunity for Public Comment

Notice is given that any person may file written comments on the proposed rulemaking with the agency contact person on or before July 9, 1995.

Contact: Ruth R. Lee, Executive Director, Board of Accountancy, 3110 North 19th Avenue, Suite 140, Phoenix, Arizona 85015

The Department has scheduled an oral proceeding to be held as follows:

Date:

July 10, 1995

Time:

3 p.m.

Location:

Board of Accountancy 3110 North 19th Avenue #140

Phoenix, Arizona

Dated: March 13, 1995

/s/ Janice C. Washington

President

Filed in the Office of the Secretary of State 5/17/95

NOTICES OF PROPOSED RULEMAKING Initiated After January 1, 1995

Unless exempted by A.R.S. § 41-1005, each agency shall begin the rulemaking process by first filing a Notice of Proposed Rulemaking, containing the preamble and the full text of the rules, with the Secretary of State's Office. The Secretary of State shall publish the notice along with the Preamble and the full text in the next available issue of the Arizona Administrative Register.

Under the Administrative Procedure Act (A.R.S. § 41-1001 et seq.), an agency must allow at least 30 days to elapse after the publication of the Notice of Proposed Rulemaking in the Register before beginning any proceedings for adoption, amendment, or repeal of any rule. A.R.S. §§ 41-1013 and 41-1022.

TITLE 17. TRANSPORTATION **CHAPTER 9. DEPARTMENT OF ADMINISTRATION** SCHOOL BUSES

PREAMBLE

1. Sections Affected	Rulemaking Action
R17-9-101.	New Section
R17-9-102.	New Section
R17-9-103.	New Section
R17-9-104.	New Section
R17-9-105.	New Section
R17-9-106.	New Section
R17-9-107.	New Section
R17-9-108.	New Section

The specific authority for the rulemaking, including both the authorizing statute (general) and the statutes the rules are implementing (specific):

Authorizing statutes: A.R.S. §§ 28-414.01(C) and 28-900

Implementing statutes: A.R.S. §§ 15-513, 28-416, 28-647, 28-853, 28-857, 28-901, 28-905, 28-921, 28-922, 28-924, 28-925, 28-926, 28-927, 28-929, 28-930, 28-931, 28-932, 28-933, 28-939, 28-940, 28-941, 28-942, 28-946, 28-947, 28-952, 28-954, 28-955, 28-956, 28-957, 28-957.01, 28-958.01, 28-959, 28-960, 28-961, 28-981, and 28-984.

The name and address of agency personnel with whom persons may communicate regarding the rule:

Kathleen Phillips Name:

1400 West Washington, Suite 270 Address:

Phoenix, Arizona 85007

(602) 542-2058 (602) 542-1486 Telephone:

An explanation of the rule, including the agency's reasons for initiating the rule:

The proposed rules are the result of a 1993 legislative action assigning to the Department of Administration, in consultation with the Department of Public Safety and the School Bus Advisory Council, responsibility for establishing minimum standards for the certification of school bus drivers, safe operation of school buses, and safe transportation of passengers.

The Department proposes to adopt R17-9-101, which sets forth definitions of words used in the Article. The definitions will

enhance the clarity and understandability of the rules.

Section R17-9-102 defines the requirements and procedures for certification as a school bus driver. The rule indicates that an applicant's suitability to be a school bus driver will be assessed by considering the applicant's physical condition, including use of controlled substances and alcohol, driving record, completion of instruction in first aid and cardiopulmonary resuscitation, and score obtained on a written examination of traffic laws and school bus operation. The rule also defines the continuing education that a school bus driver must complete to remain certified.

Section R17-9-103 defines the requirements and procedures for certification as a classroom or behind-the-wheel instructor of school bus drivers and applicants to be school bus drivers. The rule indicates that, to be an instructor, an applicant must pass a written examination on traffic laws and school bus operation, complete a training course, and be recommended for the position. The rule also defines the continuing education that must be completed and the teaching that must be done by a classroom or behind-the-wheel instructor who remains certified.

Section R17-9-104 defines the minimum standards for school bus operation. The rule specifies the procedure to be followed when loading or unloading passengers in different circumstances, the number of hours a school bus driver may be on duty, the frequency and procedure for conducting evacuation drills, and other operational standards designed to enhance safety.

The proposed rule is consistent with current standards for school bus operation.

Section R17-9-105 defines the standards applicable to school buses designed for transporting disabled passengers. In addition to general requirements regarding transporting disabled passengers, the rule specifies design and installation of a special-service entrance, special-service entrance doors, a wheelchair lift, wheelchair and wheelchair-passenger securement,

lighting of a wheelchair lift area, and other accommodations. The proposed rule is consistent with the Americans with Disabilities Act and current safety standards.

Section R17-9-106 defines the minimum standards for various parts of the chassis of a school bus.

Section R17-9-107 defines the minimum standards for various parts of the school bus body.

Section R17-9-108 defines the standards and procedures for inspecting, maintaining, and altering school buses. The rule indicates that each school bus is to be inspected before being introduced into service in the state and every 12 months thereafter. In addition, each school bus is to receive a pre-trip and post-trip operations check on each day that the school bus is used. Needed repairs are to be made promptly. A school bus needing major repair may not be operated. The proposed rule is consistent with current state law.

 A showing of good cause why the rule is necessary to promote a statewide interest if the rule will diminish a previous grant of authority of a political subdivision of this state: Not applicable.

6. The preliminary summary of the economic, small business, and consumer impact:

A. Objective of the rulemaking:

The proposed school bus rules establish minimum standards designed to improve safety. The improved safety is accomplished through increased driver education and training and improved school bus mechanical operation. The proposed rules establish minimum standards for certification of school bus drivers, certification of classroom and behind-the-wheel instructors, school bus operation, special needs transportation, school bus chassis, school bus body, and inspection and maintenance.

B. Identification of those affected by the rulemaking:

Costs associated with implementation of the proposed rules will be borne by the Arizona Department of Public Safety, school districts, private school bus companies, and taxpayers. It is estimated that any increase in costs from the requirement of additional training for school bus drivers and applicants will be more than off-set by a reduction in costs from the requirement that school bus drivers have a physical examination only every second year rather than every year.

Benefits associated with implementation of the proposed rules will accrue to approximately 234,000 Arizona children who ride school buses annually, school bus drivers, classroom and behind-the-wheel instructors of school bus drivers, and taxpayers. The benefits will arise from additional training of school bus drivers that leads to a reduction in school bus accidents and a concomitant reduction in injuries to or deaths of children and damage to buses.

C. Summary of economic, small business, and consumer impact of the rulemaking:

R17-9-102: The proposed rules will require the Student Transportation Section of the Arizona Department of Public Safety to spend approximately \$1,500 to \$2,000 more per year than is spent under the current rules. This additional cost, which arises from producing training manuals for applicants and certified school bus drivers, will come from an internal reallocation rather than from an increased appropriation.

School districts currently providing the minimum amount of classroom and behind-the-wheel training to school bus driver applicants will experience an increase in the cost of providing instruction to applicants because the proposed rules increase the minimum number of hours of instruction. The estimated additional annual instruction cost is between \$38,000 and \$51,000 for the state.

The current rules require that school bus drivers obtain a physical examination every year. The proposed rules require school bus drivers to obtain a physical examination every other year. The estimated annual savings from this source is between \$77,000 and \$91,000 for the state.

Combining the costs from increased instruction with savings from the increased interval between physical examinations yields estimated annual savings between \$26,000 and \$53,000 for the state. The savings per school district depends on the number of school bus drivers and wage policy of the school district.

For the state's private school bus companies, the estimated cost from the additional two hours of instruction required by the proposed rules is between \$1,500 and \$2,000. Their estimated savings from physical examinations required every other year is between \$2,800 and \$3,300. Combining the cost from increased instruction with savings from the increased interval between physical examinations yields estimated savings between \$800 and \$1,800 per year for private school bus companies.

R17-9-103: The standards contained in this rule are minimum standards for the certification of instructors. The proposed rules will impose minimal additional cost because the standards replace testing and certification already being done by the school district.

R17-9-104: The standards contained in R17-9-104 are minimum standards for school bus operation. The proposed rules will impose minimal additional cost because most of the standards are already required by federal law or because school districts are already operating at or above the proposed minimum standard.

are already operating at or above the proposed minimum standard.

R17-9-105, R17-9-106, and R17-9-107 contain standards that apply only to school buses introduced into Arizona after the effective date of these rules. The proposed rules will impose minimal additional cost because most of the standards are already required by federal law.

R17-9-108: The standards contained in this rule apply to school bus inspection and maintenance. The proposed rules will impose minimal additional cost because the proposed inspection and maintenance instruction will be incorporated into current mechanic instruction.

The net public and private annual savings for the state resulting form the proposed school bus minimum standards is between \$26,000 and \$53,000.

Arizona Administrative Register

Notices of Proposed Rulemaking

The name and address of agency personnel with whom persons may communicate regarding the accuracy of the economic, small business, and consumer impact statement:

Name:

Kathleen Phillips

Address:

1400 West Washington, Suite 270

Phoenix, Arizona 85007

Telephone:

(602) 542-2058

Fax:

(602) 542-1486

The time, place, and nature of the proceedings for the adoption, amendment, or repeal of the rule; or, if no proceeding is scheduled, where, when, and how persons may request an oral proceeding on the proposed rule: Oral proceedings at which the public may appear and make comments regarding the proposed rules will occur as follows:

Date:

July 10, 1995

Time:

8:30 a.m.

Location:

1400 West Washington Street, Room 250

Phoenix, Arizona

Date:

July 13, 1995

Time:

12:30 p.m.

Location:

Yuma City Council Chambers

180 West First Street

Yuma, Arizona

Date: Time: July 14, 1995 12:30 p.m.

Location:

City Council Chambers

211 West Aspen

Flagstaff, Arizona

Date: Time: July 17, 1995 12:30 p.m.

Location:

400 West Congress Street, Room 222

Tucson, Arizona

The public record on the proposed rules will close at 5 p.m. on July 17, 1995.

9. Any other matters prescribed by statute that are applicable to the specific agency or to any specific rule or class of rules:

None.

10. Incorporations by reference and their location in the rules:

Society of Automotive Engineers Standard J1292, October 1981, incorporated at R17-9-106(10)(c)(i) and R17-9-107(6)(a).

Society of Automotive Engineers Standard J377, February 1987, incorporated at R17-9-106(16).

Society of Automotive Engineers Standard J381, June 1984, incorporated at R17-9-107(5)(b).

Society of Automotive Engineers Standard J382, October 1984, incorporated at R17-9-107(5)(b).

School Bus Manufacturers Institute Standard No. 001, no publication date, incorporated at R17-9-107(10)(e).

Federal Motor Carrier Safety Regulations, 49 CFR 393.9 et seq., October 1993, incorporated at R17-9-107(13)(a).

Federal Motor Vehicle Safety Standards, 49 CFR 571.111, October 1993, incorporated at R17-9-107(14)(b).

Federal Specification TT-C-520B, February 2, 1973, incorporated at R17-9-107(29)(a).

Portable Fire Extinguishers, National Fire Protection Association, Publication 10 (1990), incorporated at R17-9-107(8)(a).

U.S. Department of Transportation, Federal Highway Administration, 49 CFR 382 (1994), incorporated at R17-9-101(15).

U.S. Department of Transportation, Federal Highway Administration, 49 CFR 40 (1994), incorporated at R17-9-101(15).

11. The full text of the rules follows:

TITLE 17. TRANSPORTATION

CHAPTER 9. DEPARTMENT OF ADMINISTRATION SCHOOL BUSES

ARTICLE 1. SCHOOL BUS MINIMUM STANDARDS

R17-9-101.	Definitions	
R17-9-102.	Certification of School Bus Drivers	
R17-9-103.	Certification of Classroom	and
	Behind-the-wheel Instructors	
R17-9-104.	Minimum Standards for Schoo	l Bus
	Operation	
R17-9-105.	Special Needs Standards	
R17-9-106.	Minimum Standards for School Bus (Chassis
R17-9-107.	Minimum Standards for School Bus I	3ody
R17-9-108.	Inspection and Maintenance	•
Exhibit A.	Physical Examination Form	
Exhibit B.	Proof of Completion of Behind-the	-wheel
	Training and Driving Test	

ARTICLE 1. SCHOOL BUS MINIMUM STANDARDS

R17-9-101. Definitions

In this Article, unless the context otherwise requires:

- "Accident" means any unexpected occurrence involving a moving or non-moving school bus that results in any bodily injury or fatality to passengers or individuals who are not passengers or a minor or major defect that affects the safe operation of the school bus.
- "Alteration" means any addition, modification, or removal of any equipment or component after a school bus has been inspected by the Department which may affect the operations of the school bus; compliance with the statutes applicable to school buses; these rules; or the health, safety, or welfare of any individual.
- 3. "Alternately flashing signal lamps" means a system of red or red and amber lamps that are mounted horizontally to both the front and rear of the school bus body, used to inform the public that the school bus is preparing to stop or has stopped to load or unload passengers. Alternately flashing signal lamps can be either a four-lamp system as described in R17-9-107(13)(c)(i) or an eight-lamp system as described in R17-9-107(13)(c)(ii).
- 4. "Applicant" means an individual who submits a completed application to the Department to obtain a certificate to operate a school bus or to teach classroom instructors or behind-the-wheel instructors in the state of Arizona.
- "Auxiliary fans" means devices mounted inside the school bus body used to supplement the heating, defrosting, or air conditioning systems by circulating air in the school bus.
- "Behind-the-wheel training" means the complete physical control of a school bus by an applicant to operate a school bus while accompanied by and

- under direct observation of a behind-the-wheel instructor.
- "Behind-the-wheel instructor" means the individual certified by the Department pursuant to R17-9-103 to provide behind-the-wheel training to applicants.
- "Belt cutter" means a hand-held instrument containing a blade used to sever a seat belt or wheelchair-securement device.
- "Certificate" means the written authorization issued by the Department to operate a school bus or to act as a classroom or behind-the-wheel instructor in the state of Arizona.
- 10. "Chassis" means the part of a school bus that consists of all base components, including the frame, front and rear suspension, exhaust system, brakes, engine, engine hood or cover, transmission, front and rear axles, front fenders, drive train and shaft, fuel system, engine air intake and filter, clutch and accelerator pedals, steering wheel, tires, heating and cooling system, battery, and controls and instruments to operate the school bus.
- "Chassis cowl" means those parts of a Type C school bus that are located in front of the cowl and attached before a school bus manufacturer adds the school bus body.
- 12. "Classroom instructor" means an individual certified by the Department pursuant to R17-9-103 to teach classroom training to:
 - a. Applicants to operate a school bus,
 - b. Applicants to teach classroom training,
 - Applicants to teach techniques of behind-the-wheel training, or
 - d. School bus drivers for refresher training.
- 13. "Classroom training" means the courses required of an applicant by the Department before the applicant is certified by the Department or of a school bus driver to maintain certification.
- "Commercial driver's license" has the same meaning as contained in A.R.S. § 28-402(2).
- 15. "Controlled substances and alcohol testing" means an evaluation of an applicant's or school bus driver's use of marijuana, cocaine, phencyclidine, opiates, amphetamines, and alcohol prescribed by 49 CFR 382, published in 1994 (no later amendments or editions), and conducted in accordance with procedures set forth at 49 CFR 40, published in 1994 (no later amendments or editions), incorporated herein by reference and on file with the Department and the Office of the Secretary of State and an evaluation of an applicant's or school bus driver's use of barbiturates, benzodiazepines, methadone, propoxphene as required by these rules and

- conducted in accordance with procedures set forth at 49 CFR 40.
- 16. "Cowl" means that portion of the chassis in a Type C school bus that separates the school bus engine from the school bus driver's compartment.
- 17. "Cutaway van" means a chassis to which a completed driver's compartment is attached before a school bus manufacturer adds the school bus body.
- "dB(A)" means decibels A scale, a term denoting that noise level has been adjusted to duplicate human hearing.
- "Department" means the Arizona Department of Public Safety.
- 20. "Driver's compartment" means that part of the school bus body that is separated from the passenger compartment by a barrier and contains the controls and instruments for the operation of the school bus.
- 21. "Emergency brake system" means the mechanical components used to slow or stop a school bus after a failure of the service-brake system.
- 22. "Emergency exit" means an opening in a school bus, including a door, push-out window, or roof hatch, used to unload passengers in the event of an occurrence that requires immediate evacuation of a school bus.
- "Employee" means a private business or school district that hires applicants and school bus drivers to operate school buses.
- 24. "Forward control chassis" means a chassis to which the school bus driver controls, including the brake, clutch and accelerator pedals, emergency brake, steering wheel, and other controls used to operate the school bus, are attached before a school bus manufacturer adds the school bus body.
- "Frame" means the structural foundation upon which the school bus chassis is constructed.
- 26. "Frontage road" means a street that parallels an interstate highway and furnishes access to streets and property that would otherwise be unreachable.
- 27. "Gross vehicle weight rating" means the value specified by the manufacturer as the maximum total loaded weight of a school bus as set forth in R17-9-106(26).
- 28. "Health care professional" means:
 - A physician licensed to practice medicine pursuant to A.R.S. § 32-1401 et seq., osteopathy pursuant to A.R.S. § 32-1801 et seq. or chiropractic pursuant to A.R.S. § 32-921 et seq.;
 - A physician licensed to practice medicine, osteopathy, or chiropractic in a state contiguous to Arizona;
 - A physician employed by the United States government and licensed by a state medical board in the United States;
 - A physician's assistant licensed pursuant to A.R.S. § 32-2501 et seq.; or
 - e. A registered nurse practitioner licensed pursuant to A.R.S. § 32-1632 et seq.
- 29. "Highway" has the same meaning as set forth in A.R.S. § 28-101(64).

- 30. "Identification" means the signs, lettering, or numbers placed on the exterior of the school bus body but does not include the lettering, numbers, or logos of a manufacturer or distributor of the manufacturer's product.
- "Interstate highway" means the designation given by the Federal Government to the system of highways connecting two or more states of the United States.
- 32. "Lamp" means a device that is covered by a lens and used to produce artificial light.
- 33. "Major defect" means a condition that exists to the interior or exterior of a school bus that causes the Department to place the school bus out of service.
- 34. "Minor defect" means a condition that exists to the interior or exterior of a school bus that does not amount to a major defect and allows the school bus to remain in operation while the defect is being corrected.
- 35. "Manufacturer" means the entity engaged in the manufacturing or assembling of a school bus chassis, school bus body, or school bus chassis and body.
- 36. "Off-duty" means the period of time a school bus driver is not engaged in any activity for which the school bus driver is being compensated by wages from any source.
- 37. "On-duty" means the period of time a school bus driver is engaged in any activity for which the school bus driver is being compensated by wages from any source.
- 38. "Out of service" means a school bus cannot be operated or be used to transport passengers.
- 39. "Parking brake system" means the mechanical components used to prevent the movement of a stationary school bus.
- "Passenger" means an individual who rides in a school bus but does not participate in the operation of the school bus.
- 41. "Passenger compartment" means that part of the school bus body that is separated from the school bus driver's compartment by a barrier and holds the passengers to be transported.
- 42. "Physical examination" means an evaluation of an applicant's or school bus driver's medical status performed by a health care professional according to this Article.
- 43. "Physical examination form" means Exhibit A.
- 44. "Push-out window" means safety glass enclosed in a frame on a school bus that moves to the outside of the school bus when force is applied to the window from inside the school bus.
- 45. "Refresher training" means the courses required by the Department of each school bus driver to maintain certification as a school bus driver in Arizona.
- 46. "Restraining barrier" means a structure located in front of any school bus seat that restricts the forward motion of a passenger.
- 47. "Rub rail" means a horizontal steel bar attached to the outside of the school bus body used to reinforce the sides of the school bus.

- "Safety glass" has the same meaning as set forth in A.R.S. § 28-959(B).
- 49. "School" means a school as defined by A.R.S. § 15-101(17), accommodation school as defined by A.R.S. § 15-101(1), charter school as defined by A.R.S. § 15-101(3), or private school as defined in A.R.S. § 15-101(16).
- "School bus" has the same meaning as set forth in A.R.S. § 28-101(53).
- "School bus body" means a structure assembled upon a chassis designed to carry a school bus driver and passengers.
- 52. "School bus driver" means an individual who has been certified by the Department to meet the requirements set forth in A.R.S. § 28-414.01 and R17-9-102 to operate a school bus in the state of Arizona.
- 53. "School district" has the same meaning as set forth in A.R.S. § 15-101(18).
- 54. "Service-brake system" means the mechanical components used to slow or stop a school bus.
- 55. "Service door" means a metal structure used to close the opening of a service entrance.
- 56. "Service entrance" means the opening in a school bus used to load or unload passengers.
- 57. "Special needs school bus" means a school bus that is designed to transport passengers with disabilities who may or may not be confined to a wheelchair and is constructed with a service entrance and a special-service entrance.
- 58. "Special-service entrance" means an opening in a school bus that accommodates a wheelchair lift for the loading or unloading of passengers with disabilities.
- 59. "special-service entrance door" means a metal structure used to close the opening of the special-service entrance.
- 60. "Street" has the same meaning as set forth in A.R.S. § 28-101(64).
- "Traffic control signal" has the same meaning as set forth in A.R.S. § 28-602(24).
- 62. "Training" means, pursuant to this Article, the instruction, courses, classes, or workshops provided or approved by the Department that are required to obtain or maintain certification as a school bus driver, classroom instructor, or behind-the-wheel instructor in the state of Arizona.
- 63. "Transport" or "transporting" means a school bus driver has set the school bus in motion to carry passengers or objects authorized by the school district to be carried in a school bus.
- 64. "Type A School Bus" means a van converted to a school bus body or a school bus body that is constructed upon a cutaway van chassis, which has a gross vehicle weight rating of 10,000 pounds or less and is designed for carrying the school bus driver and more than ten passengers. Part of the engine is beneath the windshield and beside the driver's seat and the service door is behind the front wheels.
- 65. "Type B School Bus" means a school bus body that is constructed upon a cutaway van chassis or a forward control chassis, which has a gross vehicle weight rating of more than 10,000 pounds and is

- designed for carrying the school bus driver and more than ten passengers. Part of the engine is beneath the windshield and beside the driver's seat and the service door is behind the front wheels.
- 66. "Type C School Bus" means a school bus body that is installed either upon a chassis cowl with the engine located beneath the windshield and in front of the cowl or upon a forward control chassis with part of the engine beneath the windshield and beside the driver's seat. The service door is located behind the front wheels. The school bus has a gross vehicle weight rating of more than 10,000 pounds and is designed to carry more than ten passengers.
- 67. "Type D School Bus" means a school bus body that is installed upon a chassis with the engine mounted in front of the front axle, between the front and rear axles, or behind the rear axle. The school bus driver's seat and the service door are located in front of the front wheels. The school bus has a gross vehicle weight rating of more than 10,000 pounds and is designed to carry more than ten passengers.
- 68. "Van" means a covered or enclosed truck defined in A.R.S. § 28-101(67).
- 69. "Wheelchair" means a mobility aid, consisting of a frame, seat, and wheels, which is used for the purpose of supporting and carrying a passenger with a disability.
- "Wheelchair lift" means the electric hydraulic mechanism and platform in a school bus used to raise and lower a passenger in a wheelchair.
- 71. "Wheelchair-lift platform" means the horizontal surface upon which a wheelchair sits.
- 72. "Wheelchair-passenger restraint" means the combination of a pelvic and an upper torso restraint, including buckles and fasteners, designed to secure a passenger in a wheelchair within a school bus.
- 73. "Wheelchair-passenger restraint anchorage" means the provision for fastening wheelchairpassenger restraints to the interior of the school bus.
- 74. "Wheelchair-securement anchorage" means the provision for fastening wheelchair-securement devices to the school bus floor.
- 75. "Wheelchair-securement device" means a strap or webbing, including buckles and fasteners, used for fastening a wheelchair to a wheelchair-securement anchorage.
- 76. "Wheelchair-securement system" means the components used to fasten the wheelchair to the interior of the school bus, including wheelchair-securement anchorages and wheelchair-securement devices.

R17-9-102. Certification of School Bus Drivers

- A. Certification requirements. An individual shall not operate a school bus in the state of Arizona without being certified by the Department. An applicant for certification shall:
 - 1. Be a minimum of 18 years of age;
 - Submit all of the following to the Department:
 - A completed fingerprint card;
 - An application signed and dated by the applicant that states the applicant's:

- Name, home address, and home phone number;
- ii. Date of birth:
- iii. Arizona commercial driver's license number;
- iv. Date of any previous application for certification and name of intended employer;
- Convictions of a felony or misdemeanor, if any, in this state or any other state; and
- Total points accumulated against the applicant's driving record during the two-year period immediately preceding the date of application using the point system contained in R17-4-506.
- Completed physical examination form and results of controlled substances testing.
- Possess a current Arizona commercial driver's license as set forth in A.R.S. § 28-403;
- Possess a current Arizona passenger endorsement as set forth in A.R.S. § 28-416.01(1) and (4);
- 5. Meet the driving record requirements as set forth in this Article; and
- Complete the training requirements as set forth in this Article.

B. Physical examination

- An applicant or school bus driver shall submit to a physical examination that is conducted by a health care professional in accordance with the physical examination form. An applicant or school bus driver is qualified to operate a school bus only if the health care professional concludes that the applicant or school bus driver has no condition that would interfere with the applicant's or school bus driver's ability to operate a school bus safely.
- An applicant shall submit the completed physical examination form to the Department within 30 days of the date of the physical examination.
- 3. The initial physical examination of an applicant, conducted in accordance with Exhibit A, expires 24 months from the date of the physical examination or on October 31 of the second consecutive year following the initial examination, whichever comes first. Thereafter, the physical examination expires every 24 months from the date of the preceding physical examination. The school bus driver shall submit to a physical examination before the expiration date and send the completed physical examination form to the Department by October 31.
- 4. If a health care professional determines that further testing of an applicant or school bus driver is needed by an ophthalmologist or optometrist, the health care professional shall refer the applicant or school bus driver to:
 - An ophthalmologist licensed pursuant to A.R.S. § 32-1401 et seq.,
 - An optometrist licensed pursuant to A.R.S. § 32-1701 et seq.,
 - An ophthalmologist licensed to practice ophthalmology or optometrist licensed to practice optometry by a state contiguous to Arizona, or

- d. An ophthalmologist licensed to practice ophthalmology or optometrist licensed to practice optometry by any state in the United States and employed by the United States government.
- 5. In addition to the physical examinations required by this Article, the Department or the employer may require a physical examination of a school bus driver for an impairment that would affect the ability to operate a school bus safely. In making this determination, the Department or employer may consider the appearance or actions of the school bus driver. Results of any physical examination shall be received by the Department within 30 days of the date of the physical examination.

C. Controlled substances and alcohol testing

 An applicant or school bus driver shall submit to controlled substances and alcohol testing as prescribed by this Article and 49 CFR 382 (1994), which is conducted in accordance with the procedures set forth at 49 CFR 40 (1994), except for the following changes in 49 CFR 40 and 49 CFR 382:

a. 49 CFR 40.3

- i. "Employee," "individual," or "individual to be tested", as used in 49 CFR 40, mean an applicant as defined at R17-9-101(4) or a school bus driver as defined at R17-9-101(52).
- ii. "Employer" has the same meaning as set forth at R17-9-101(23).

b. 49 CFR 382.107

- i. "Accident" has the same meaning as set forth at R17-9-101(1).
- "Commercial motor vehicle" has the same meaning as contained in A.R.S. § 28-402.
- iii. "Employer" has the same meaning as set forth at R17-9-101(23).
- iv. "Performing a safety-sensitive function" means any period of time in which a driver is compensated by wages by the employer.
- "Safety-sensitive function" means any activity for which a driver is compensated by wages by the employer.
- vi. "School bus" has the same meaning as contained in A.R.S. § 28-101(53).
- c. 49 CFR 382.115 is deleted.
- d. 49 CFR 382.204 is changed to read: No driver shall be on duty for the employer or operate a commercial motor vehicle while the driver possesses alcohol. No employer having actual knowledge that a driver possesses alcohol may permit the driver to perform a safety-sensitive function.
- e. 49 CFR 382.207. In both sentences, the word "four" is changed to "eight".
- f. 49 CFR 382.301. Delete subsections (b) and (c).
- An employer shall test an applicant or school bus driver for use of barbiturates, benzodiazepines, methadone, and propoxphene using the procedure

- set forth at 49 CFR 40. When testing for barbiturates, benzodiazepines, methadone, and propoxphene, the employer shall use a urine sample that is separate and not split from the urine sample used to test for marijuana, cocaine, opiates, amphetamines, and phencyclidine.
- The employer shall ensure that each school bus driver is tested for use of controlled substances and alcohol at least once every 12 months. Controlled substances or alcohol testing conducted after the initial or screening test may be conducted on a random basis.
- 4. The employer shall submit the results of all controlled substances and alcohol testing to the Department within 30 days of the date of testing by providing the Department a copy of the report submitted to the employer by the entity that conducted the testing on behalf of the employer.
- D. Driving record. Twenty-four months before the date of application or during any 24-month period while certified as a school bus driver, an applicant or school bus driver shall not have accumulated eight or more points against a driving record in this state using the point system contained in R17-4-506.
- E. Training requirements of a school bus driver
 - Before being certified by the Department as a school bus driver, an applicant shall complete a minimum of 14 actual hours of classroom training in the following:
 - a. State and federal traffic laws,
 - b. Behind-the-wheel driving operations,
 - School bus driver's responsibilities to passengers and school,
 - d. Inspections and pre-trip and post-trip operations checks,
 - e. Records and reports,
 - f. Special needs transportation, and
 - g. Emergency evacuation drills.
 - Classroom training shall be taught by a classroom instructor.
 - 3. At least seven calendar days before the date of the classroom training, the classroom instructor shall notify the Department in writing of the date, time, and location of classroom training. The classroom instructor shall notify the Department by any means available at least 24 hours before the date, time, or location of classroom training is changed
 - After completion of classroom training, the classroom instructor shall administer to the applicant a written examination standardized by the Department.
 - a. The written examination shall consist of a combination of 50 true or false, multiple choice, or fill-in-the-blank questions. The examination questions shall cover the following classroom material:
 - i. State and federal traffic laws,
 - ii. Behind-the-wheel driving operations,
 - School bus driver's responsibilities to passengers and school,
 - iv. Records and reports,
 - Inspections and pre-trip and post-trip operation checks,

- vi. Emergency evacuation drills, and vii. Special needs transportation.
- b. Each question shall be given a value of two points. An applicant shall pass the examination by receiving a score that is equal to or exceeds 80% of the total possible score.
- c. If an applicant does not receive the examination score required for classroom training on the first attempt, the applicant is allowed to take an examination two more times within 12 months of the first attempt. A different examination shall be administered to an applicant who is taking an examination for the second or third time. The period of time between examinations shall be a minimum of ten days. If the applicant fails the examination on the third attempt, the applicant will be considered further only if the applicant files a new application and documents required by these rules with the Department.
- 5. The classroom instructor shall submit the following information on a written report to the Department within seven calendar days from the date of the conclusion of a training course:
 - a. Instructors name,
 - b. Instructor's certification number,
 - Date of training,
 - d. Location of training,
 - e. Applicant's name, and
 - f. Applicant's test score.
- 6. After completing the classroom training and before being certified to transport passengers in a school bus, an applicant shall complete behind-the-wheel training consisting of a minimum of 20 actual hours operating a school bus.
 - Behind-the-wheel training shall be taught by a behind-the-wheel instructor who shall be present and observing the applicant while the applicant is operating the school bus.
 - b. The behind-the-wheel instructor shall administer a driving test as set forth in Exhibit B. The behind-the-wheel instructor shall either pass or fail an applicant and submit the results in writing to the employer within seven calendar days of the conclusion of the test.
- F. First aid and cardiopulmonary resuscitation
 - Before being certified, an applicant shall complete four actual hours of classroom instruction in cardiopulmonary resuscitation and four actual hours of classroom instruction in basic first aid.
 - The instruction shall be conducted by an individual currently certified in first aid and cardiopulmonary resuscitation from a program approved by the American Heart Association, the American Red Cross, the National Safety Council, the Arizona Bureau of Mines, or by an emergency medical technician or paramedic certified pursuant to A.R.S. § 36-2201(6).
 - An applicant shall submit to the Department a copy
 of the front and back of the first-aid card and
 cardiopulmonary resuscitation card issued to the
 applicant or other written document as proof of
 completion of the first-aid and cardiopulmonary
 resuscitation training.

- 4. A school bus driver shall renew first-aid and cardiopulmonary resuscitation instruction before the date of expiration. Renewal instruction shall consist of four actual hours in cardiopulmonary resuscitation and four actual hours in basic first aid provided by an individual described in subsection (C)(2). The school bus driver shall submit to the Department a copy of the front and back of the first-aid card and cardiopulmonary resuscitation card or other written documentation as proof of renewal of instruction.
- G. Refresher training
 - No later than 24 months following the date of initial certification or by October 31 of the second consecutive year following the initial certification, whichever comes first, a school bus driver shall complete refresher training consisting of a minimum of 6 1/2 actual hours of classroom training in the following:
 - a. State and federal traffic laws,
 - School bus driver responsibilities to passengers and school,
 - Behind-the-wheel operations,
 - Inspections and pre-trip and post-trip operation checks,
 - e. Special needs transportation, and
 - f. Emergency evacuation drills.
 - After completing the first refresher training, the school bus driver shall complete a minimum of 6 1/2 actual hours of classroom training in the areas described in subsection (G)(1) every 24 months following the last refresher training.
 - A classroom instructor shall teach refresher training and shall submit the following information on a written report to the Department within 15 calendar days from completion of a minimum of 6 1/2 hours of refresher training:
 - a. Instructor's name,
 - b. Instructor's certification number,
 - c. Date of training,
 - d. Location of training, and
 - e. School bus driver's name.

H. Records

- The Department shall maintain qualification and training records of an applicant who is certified or of a school bus driver who terminates employment, and qualification records of an applicant who is refused certification, for 24 months from the date of certification, refusal of certification, or termination of employment.
- The Department and employer shall maintain refresher training records of a school bus driver for 24 months from the date of completion of each refresher training course.
- The employer shall maintain qualification and training records of an applicant or school bus driver for 24 months following the date of certification or date of termination of employment.
- The employer shall transfer qualification and training records of a school bus driver to a subsequent employer upon written request by the employer or school bus driver.
- Qualification records include:
 - a. Application,

- b. Driving record history, and
- Copy of physical examination form and controlled substance test results.
- 6. Training records include:
 - a. An applicant's initial training date and name and certification number of instructor:
 - A school bus driver's refresher training dates and names and certification numbers of classroom instructors;
 - Classroom and behind-the-wheel training and examination scores;
 - d. A copy of the first-aid card and cardiopulmonary resuscitation card or other written documentation of completion of firstaid and cardiopulmonary resuscitation training; and
 - e. A copy of the school bus driver certification card issued by the Department.
- I. Refusal or cancellation of certificate
 - The Department may refuse to issue a certificate to an applicant or shall cancel a certificate of a school bus driver for:
 - Failing to meet or comply with the requirements of this Article;
 - Being convicted of any felony or misdemeanor;
 - Providing false, incomplete or misleading information to the Department;
 - d. Pursuant to A.R.S. § 28-692, driving a school bus while under the influence of intoxicating liquor or drugs; or
 - e. Pursuant to A.R.S. §§ 28-401 through 28-491, having a commercial driver's license canceled, suspended, revoked, or denied.
 - An applicant who has been refused a certificate or a school bus driver whose certificate has been canceled may request a hearing within 15 calendar days from the date of receipt of the notice of the refusal by the applicant or cancellation by a school bus driver. The hearing shall be conducted according to the procedures contained in A.R.S. §§ 41-1061 through 41-1066.

R17-9-103. Certification of Classroom and Behind-the-wheel Instructors

- A. Before being certified to teach classroom training, an applicant shall:
 - Submit to the Department an application signed and dated by the applicant that states the applicant's:
 - a. Name, home address, and home phone number;
 - b. Date of birth;
 - Current employer's name, address, and phone number; and
 - Dates of all previous applications.
 - Submit a letter to the Department from the employer recommending that the applicant be considered as a classroom instructor;
 - Pass a written examination standardized by the Department:
 - a. The written examination shall consist of a combination of 50 true or false, multiple choice, or fill-in-the-blank questions. The

- examination questions shall cover the following:
- State and federal traffic laws,
- ii. Behind-the-wheel driving operations,
- iii. School bus driver's responsibilities to passengers and school,
- iv. Records and reports,
- v. Inspections and pre-trip and post-trip operation checks,
- vi. Emergency evacuation drills, and
- vii. Special needs transportation.
- b. Each question shall be given a value of two points. An applicant shall pass the examination by receiving a score that is equal to or exceeds 90% of the total possible score.
- c. If an applicant does not receive the required examination score, the applicant may take a second examination, different from the first, a minimum of ten days from the date of the first examination.
- d. If the applicant fails to receive a passing score on the second examination, the applicant shall not take another examination for a minimum of 12 months from the date of the second examination. To receive further consideration, the applicant shall submit a new application and documents required by these rules.
- B. After passing the written examination, the applicant shall complete eight actual hours of classroom training provided by the Department consisting of updates of state and federal statutes and rules relating to school buses, teaching techniques, and communication skills. The Department shall issue a certificate to teach classroom training to each applicant immediately after the applicant completes the classroom training.
- C. To maintain certification by the Department, a classroom instructor shall teach a minimum of 12 actual hours of classroom training every 12 months from the date of certification. The classroom instructor shall submit the following written documentation to the Department within 15 days of completion of the training:
 - 1. Name of classroom instructor,
 - Location of training,
 - 3. Subject matter of training,
 - 4. Date of training, and
 - 5. Number of actual hours of training completed.
- D. Before being certified to teach behind-the-wheel training, an applicant shall:
 - Be certified as a school bus driver in Arizona for the continuous 12-month period immediately preceding the application and employed as a certified school bus driver at the time of application;
 - Submit an application signed and dated by the applicant that states the applicant's:
 - Name, home address, and home phone number;
 - b. Commercial driver's license number;
 - c. Current employer's name, address, and phone number; and
 - d. Dates of all previous applications.

- 3. Submit a letter from the employer recommending that the applicant be considered as a behind-the-wheel instructor; and
- Pass a written examination standardized by the Department.
 - a. The written examination shall consist of a combination of 50 true or false, multiple choice, or fill-in-the-blank questions. The examination questions shall cover the following:
 - i. State and federal traffic laws,
 - ii. Behind-the-wheel driving operations,
 - iii. School bus driver's responsibilities to passengers and school,
 - iv. Records and reports,
 - v. Inspection and pre-trip and post-trip operation checks,
 - vi. Emergency evacuation drills, and
 - vii. Special needs transportation.
 - b. Each question shall be given a value of two points. An applicant shall pass the examination by receiving a score that is equal to or exceeds 80% of the total possible score.
 - c. If an applicant does not receive the required examination score, the applicant may take a second examination, different from the first, a minimum of ten days from the date of the first examination.
 - d. If the applicant fails to receive a passing score on the second examination, the applicant shall not take another examination for a minimum of 12 months from the date of the second examination. To receive further consideration, the applicant shall submit a new application and documents required by these rules.
 - e. The classroom instructor shall submit each applicant's score to the Department within seven actual days from the date of the conclusion of the classroom training course.
- E. After passing the written examination, the applicant shall complete four actual hours of classroom training provided by the Department, consisting of updates of state and federal statutes and rules relating to school buses, teaching techniques, and communication skills. The Department shall issue a certificate to teach behind-the-wheel training to each applicant immediately after the applicant completes the classroom training.
- F. To maintain certification by the Department, a behind-the-wheel instructor shall maintain certification as a school bus driver in this state and teach a minimum of 12 actual hours of behind-the-wheel training every 12 months from the date of certification. The behind-the-wheel instructor shall submit the following written documentation to the Department every 12 months:
 - 1. Name of behind-the-wheel instructor,
 - 2. Location of training,
 - 3. Subject matter of training,
 - 4. Date of training, and
 - 5. Number of actual hours of training provided.
- G. Records

- The Department shall maintain qualification and training records for each classroom and behind-the-wheel instructor for 24 months.
- 2. Qualification records include:
 - a. Application,
 - b. Driving record history, and
 - Letters of recommendation.
- 3. Training records include:
 - Examination test scores,
 - A copy of the certification card issued by the Department, and
 - All documents required by subsection (C) or (F) of this Section.
- H. Refusal or cancellation of certificate of classroom or behind-the-wheel instructor
 - The Department may refuse to issue a certificate to an applicant or shall cancel a certificate of a behind-the-wheel instructor for:
 - Failing to meet or comply with the requirements of this Article;
 - Being convicted of any felony or misdemeanor relating to the occupation of a school bus driver;
 - c. Providing false, incomplete, or misleading information to the Department;
 - d. Pursuant to A.R.S. § 28-692, driving a school bus while under the influence of intoxicating liquor or drugs; or
 - e. Pursuant to A.R.S. §§ 28-401 through 28-491, having a commercial driver's license canceled, suspended, revoked, or denied.
 - The Department may refuse to issue a certificate to an applicant or shall cancel a certificate of a classroom instructor for:
 - a. Failing to meet or comply with the requirements of this Article; or
 - b. Providing false, incomplete, or misleading information to the Department.
 - 3. An applicant who has been refused a certificate or an instructor whose certificate has been canceled may request a hearing within 15 calendar days from the date of receipt of the notice of the refusal by the applicant or cancellation by an instructor. The hearing shall be conducted according to the procedures contained in A.R.S. §§ 41-1061 to 41-1066.

R17-9-104. Minimum Standards for School Bus Operation

- A. The school bus driver shall perform pre-trip and post-trip inspections of a school bus as required by R17-9-108.
- B. Loading or unloading of passengers:
 - As of the effective date of these rules, an eight-lamp system as described in R17-9-107(13) shall be used on a school bus before it is introduced into the state of Arizona. When preparing to stop the school bus, the school bus driver shall activate the alternately flashing amber lamps a minimum of 100 feet but no more than 200 feet before a school bus stop. Whenever the school bus is stopped to load or unload passengers, the school bus driver shall open the service door, which automatically

- activates the alternately flashing red lamps and extends the stop arm.
- A white, flashing, strobe lamp as described in R17-9-107(13)(f) may be used only during conditions that produce low visibility.
- 3. The distance between stops for the purpose of loading or unloading passengers shall be no less than 600 feet, unless the school determines that more frequent stops are necessary for safety. The school bus shall be stopped as near the right edge of the traveled portion of the street or highway as possible.
- A school bus driver shall not stop on a street or highway in such a position that passengers are loaded or unloaded on the traffic side of the bus.
- 5. When a school bus driver stops to load or unload passengers who must cross a street or highway, the passengers shall cross at least ten feet from the front bumper of the school bus. The school bus driver shall not permit passengers who must cross a street or highway to be unloaded from the school bus until all traffic to the front and rear of the school bus has stopped. The school bus driver shall not move the school bus until all passengers have crossed the street or highway.
- 6. In intersections that use lighted traffic control signals, passengers shall be loaded or unloaded no closer than 100 feet of the traffic control signal so that the passengers may cross with the traffic control signal, either before or after the school bus proceeds.
- 7. In intersections without lighted traffic control signals, passengers shall be loaded or unloaded no closer than 50 feet of the intersection so that the passengers may cross at the intersection, either before or after the school bus proceeds.
- A school bus driver shall not stop a school bus on an interstate highway for the purpose of loading or unloading passengers, except that:
 - a. School bus stops may be established on frontage roads that parallel interstate highways if no passenger is allowed to cross a divided highway.
 - A school bus may stop in safety rest areas as designated by A.R.S. § 28-2101(8) that are part of or adjacent to an interstate highway.
- A school bus driver shall load or unload passengers on school grounds only in areas designated by the school as school bus loading areas and marked as such with a sign.
- 10. During the time of loading or unloading of passengers at designated school bus loading areas at a school, the loading areas are restricted to school buses, passengers, and school employees assisting in the loading or unloading of passengers.
- A school shall allow passengers in designated school bus loading areas only when the passengers are being loaded on or unloaded from the school bus.
- A school shall designate school bus loading areas at a school at locations that prevent backing of the school bus.

- 13. In areas not designated as school bus loading areas at a school, a school bus driver shall not back upon or adjacent to the school grounds unless an individual authorized by the school bus driver directs the backing procedure while standing at the rear of the school bus in a position visible to the school bus driver. This provision does not apply to a school bus garage or school bus storage area where passengers are not allowed.
- 14. Immediately before a school bus driver engages in backing the school bus, the school bus driver shall sound the horn to warn motorists and pedestrians of the backing procedure. This provision does not apply if the school bus is equipped with an alarm that operates automatically when the school bus is backing.
- 15. In addition to the requirements for railroad-grade crossings contained in A.R.S. § 28-853, the following apply:
 - Hazard-warning lights as described in A.R.S. § 28-947(D) shall be used within a minimum of 100 feet of all railroad grade crossings to warn motorists of an intended stop.
 - All school buses, with or without passengers aboard, shall stop at railroad grade crossings.
 - c. While stopped at a railroad grade crossing, the school bus driver shall completely open the service door and the window to the left of the driver and, by hearing and sight, determine that it is safe to cross. Before proceeding, the school bus driver shall close the service door.
 - d. A school bus driver shall not stop to load or unload passengers within 200 feet of a railroad grade crossing. This provision shall not prohibit stops at a railroad station or on highways that parallel the railroad tracks.
- C. An employer shall not allow or require a school bus driver used by the employer to drive a school bus nor shall a school bus driver drive a school bus:
 - For more than ten hours after having been off-duty for a minimum of eight consecutive hours;
 - For any period after having been on-duty for 15 hours after having been off-duty for a minimum of eight consecutive hours; or
 - After having been on-duty 60 hours in any seven consecutive days if the employing school does not operate school buses for seven consecutive days.
- D. Other requirements:
 - A school bus driver shall wear a seat belt whenever the school bus is in motion.
 - 2. To ensure the safety and orderly transportation of passengers, all passengers shall comply with all instructions given to them by a school bus driver. A passenger who refuses to comply with the school bus driver's instructions may be surrendered into the custody of a person who is authorized by the school to assume responsibility for the passenger.
 - All passengers shall sit with their backs against the seat backs, their legs facing towards the front of the school bus and all parts of their bodies clear of all aisles.
 - A school bus driver shall close the doors of a school bus before operating the school bus. The service

- doors shall remain closed whenever the school bus is in motion.
- A school bus driver shall not place the transmission in neutral or coast with the clutch disengaged on a downhill grade.
- The driver of a school bus equipped with a two-speed axle shall not shift the axle while descending any hill posted with grade warning signs.
- A school bus with passengers on board shall be fueled only when necessary to reach the school bus' destination and shall not be fueled in a closed building or while the school bus engine is running.
- 8. A school bus driver or passenger shall not use tobacco in any form on a school bus.
- A school bus driver shall not carry on a school bus or consume any beverage containing any alcohol while on duty with the employer or within eight hours before going on duty with the employer.
- A school bus driver shall not carry on a school bus or use at any time a controlled substance.
- A passenger shall not carry on a school bus, or consume while being transported in a school bus, any controlled substance or any beverage containing any alcohol.
- 12. A school bus driver shall not transport animals, insects, or reptiles in a school bus except for animals required as an accommodation for passengers with disabilities.
- Except for eyeglasses, a passenger or school bus driver shall not carry or transport glass objects on a school bus.
- A school bus driver or passenger shall not carry on or transport in a school bus an explosive device, gun, or knife.
- 15. A passenger shall not place nor shall a school bus driver permit a passenger to place any part of the passenger's body out of the school bus windows or doors.
- 16. A school bus driver shall transport all instruments and equipment related to musical or athletic events as follows:
 - Instruments and equipment shall not occupy seating space if needed for a passenger,
 - Instruments and equipment shall not be placed in the school bus driver's compartment or step-well of the school bus,
 - Instruments and equipment shall be under the passenger's control at all times or secured in the school bus, and
 - Instruments and equipment shall not block an aisle in a school bus at any time.
- 17. A passenger who carries onto a school bus an object other than an instrument or equipment related to musical or athletic events shall control the object at all times or secure the object in the school bus.
- A school bus driver shall secure all objects inside the school bus driver's compartment and service entrance.
- A school bus driver shall not drive a school bus with a trailer or other vehicle attached to the school bus.

- 20. A school bus driver who is transporting passengers for two continuous hours or more shall stop the school bus and check the wheels and tires for wear, damage, and inflation.
- All school buses shall have a two-way voice communication system. The employer shall ensure that each two-way voice communication system receives no interference from another two-way voice communication system.
- A school bus driver shall not wear an audio headset or earphones or use a cellular telephone whenever the school bus is in motion.
- 23. When a school bus driver leaves the driver's compartment, the school bus driver shall set the parking brake, place a standard transmission in either first or reverse gear, place an automatic transmission in park, turn off the ignition, and remove the ignition key.
- 24. At the conclusion of each route, a school bus driver shall inspect the interior of the school bus for passengers remaining and objects left on the school bus.
- 25. At least once every six months, a school shall conduct an evacuation drill of a school bus at the school that includes every passenger who rides a school bus except passengers who have disabilities that impair their abilities to participate in an evacuation drill. At least 14 days before an evacuation drill, a school shall submit to the Department a written notice stating the date, time, and location of the evacuation drill. Each school bus driver shall conduct or participate in a minimum of one evacuation drill every six months. Evacuation drills shall include:
 - Practice and instruction in the location, use, and operation of the emergency exits, fire extinguishers, first-aid equipment, windows as a means of escape, and communication systems;
 - Practice and instruction in when and how to approach, load, unload, and move away from the school bus a minimum of 100 feet;
 - c. Instructions on how weather-related hazards affect emergency procedures; and
 - Instructions on the importance of orderly conduct.

E. Reports and recordkeeping:

- Immediately following any accident involving a school bus, a school bus driver shall report the accident to the employer.
- Immediately upon receiving a notification of any accident involving a school bus, the employer shall notify the Department of the accident by telephone. The employer shall submit written verification of the accident to the Department within 72 hours of the telephone notification.
- Each school district shall submit written reports of evacuation drills, identifying the school district, to the Department within 14 days of the evacuation drills
- Each employer shall maintain for three years the following written records for each school bus driver:

- a. On a daily basis, the period of time each school bus driver is compensated by the employer including the date and each start and quit time.
 - b. On a daily basis, the total number of hours on duty for the previous seven days.

R17-9-105. Special Needs Standards

A. General requirements:

- As of the effective date of these rules, school buses designed for transporting passengers with special needs shall comply with the minimum standards applicable to school buses and the specifications contained in this Section.
- Any school bus that is used for transporting a
 passenger who is confined to a wheelchair shall be
 equipped with a wheelchair lift.
- The wheelchair lift shall be located on the side of the bus body opposite the school bus driver. The wheelchair lift shall not be attached to the exterior sides of the school bus and shall be confined within the school bus body when not extended.
- Any school bus that is used for transporting passengers with special needs shall be equipped with a belt cutter that is accessible only to the school bus driver.

B. Special-service entrance:

- A school bus designed for transporting passengers with special needs shall have a special-service entrance that accommodates a wheelchair lift used for the loading or unloading of passengers with disabilities.
- 2. The special-service entrance shall be located at any point on the side of the bus opposite the school bus driver and far enough to the rear of the school bus to prevent the special-service entrance door from obstructing the service door when the special-service entrance door is open.
- The special-service entrance shall be of a width and depth to accommodate a wheelchair lift. The wheelchair lift shall have a minimum clear opening of 30 inches to allow for the passage of a wheelchair.
- A drip molding shall be installed above the special-service entrance to divert water from the special-service entrance.
- The frame surrounding the special-service entrance shall be constructed to provide support and strength at least equal to the school bus body standards as set forth in R17-9-107.

C. Special-service entrance doors:

- A school bus designed for transporting passengers in wheelchairs shall provide a special-service entrance door not to exceed 45 inches in width.
- Two doors shall not be used for a special-service entrance on a school bus.
- The special-service entrance door shall be constructed to open toward the exterior of the school bus.
- The special-service entrance door shall have a fastening device attached to the school bus body to hold the special-service entrance door in an open position.

- The special-service entrance door shall be weathersealed by a rubber cushion affixed to the door or door frame.
- 6. Door materials, panels, and structural strength of a special-service entrance door shall be equivalent to the standards contained in R17-9-107 for a service door and an emergency door. Color, any rub rail extensions, lettering, and all exterior features shall match adjacent sections of the school bus body.
- The window in the special-service entrance door shall be mounted in rubber that is equal to the mounting of the other windows.
- 8. A pressure switch shall be installed in the special-service entrance door frame that will actuate a green flashing lamp located in the school bus driver's compartment when the ignition is in the "on" position to warn the school bus driver when the special-service entrance door is not closed.
- A pressure switch shall be installed in the special-service entrance door frame so that the wheelchair-lift mechanism will not operate when the special-service entrance door is closed.

D. Wheelchair lift:

- The wheelchair-lift mechanism shall be capable of lifting a minimum load of 800 pounds.
- When the wheelchair-lift platform is raised to the maximum position, it shall be held in position mechanically by a means other than a brace or lug in the door.
- Controls shall be provided that enable an individual authorized by the school bus driver to activate the wheelchair lift from either inside or outside the school bus.
- A wheelchair lift shall be equipped so that it may be manually raised or lowered in the event of a power failure to the wheelchair lift.
- A wheelchair lift shall contain a safety device to prevent the lift platform from falling.
- A wheelchair lift shall be constructed so that it allows the wheelchair-lift platform to rest completely on the ground.
- All edges of the wheelchair-lift platform shall be designed to restrain the wheelchair and prevent the feet of an individual in the wheelchair lift from becoming caught during the raising or lowering process.
- 8. A barrier shall be attached along the outer non-loading edges of the wheelchair-lift platform that will prevent the wheelchair from rolling off the wheelchair-lift platform when the wheelchair-lift platform is placed in any position other than completely extended on ground level.
- 9. A self-adjusting, skid-resistant plate shall be installed on the loading edge of the wheelchair-lift platform to reduce the incline from the wheelchair-lift platform to the ground level. This plate shall be used as a restraining barrier on the loading edge of the wheelchair-lift platform. The wheelchair-lift platform shall be skid-resistant.
- 10. A school bus shall be provided with a battery to be used exclusively for the operation of the wheelchair lift. The electrical-charging system of the school bus shall charge the battery of the

- wheelchair lift. The wheelchair-lift battery shall not supply power to any other electrical system in the school bus body.
- 11. A circuit breaker or fuse shall be installed between the battery and wheelchair-lift motor.
- 12. The wheelchair-lift mechanism shall be equipped with adjustable switches that limit the electrical power to the wheelchair-lift motor and bypass valves to prevent pressure from building in the hydraulic system when the wheelchair-lift platform reaches the maximum up or down position.
- 13. A ramp may be carried on the school bus for use during an occurrence that requires an evacuation of a school bus. The ramp shall not be stored within the passenger compartment of the school bus.
- E. Wheelchair and wheelchair-passenger securement:
 - Each wheelchair in a school bus shall be secured in a forward-facing position. Medical equipment and supplies required to accommodate a disabled passenger shall be secured in a school bus by means of alterations approved by the Department in accordance with R17-9-108(F).
 - 2. Each space designated for a wheelchair in a school bus shall be a minimum of 30 inches from the interior school bus wall to the aisle in width and a minimum of 48 inches in length. A wheelchair shall not be placed in such a position that it prevents passage through the special-service entrance.
 - 3. The wheelchair-securement system shall provide a minimum of four wheelchair-securement anchorages attached to the school bus floor with a minimum of two anchorages located at the rear of the space designated for a wheelchair and a minimum of two anchorages located at the front of the space.
 - 4. A wheelchair securement system shall provide a minimum of one wheelchair-securement device located in each of the rear anchorages and a minimum of one wheelchair-securement device located in each of the front anchorages.
 - A wheelchair space shall have a minimum of one wheelchair-passenger restraint anchorage attached to the interior wall of the school bus and a minimum of two wheelchair-passenger restraint anchorages located at the rear of the space.
 - Each wheelchair space shall have one wheelchair-passenger restraint.
- F. Dome light: A dome light shall be placed in the interior ceiling of the school bus to illuminate the wheelchair-lift area. The dome light shall be activated by a pressure switch located in the special-service entrance door or manually operated switch located in the interior of the school bus no more than one foot from the special-service entrance door. These switches shall be used exclusively for the dome light.
- G. Aisles: All aisles leading to an emergency door used for emergency evacuation shall be a minimum of 30 inches in width. The emergency door opening shall be a minimum of 30 inches in width.
- H. Seating arrangements: All fixed seats in a special-needs school bus shall be forward facing.
- Emblem: A school bus used for transporting passengers with disabilities shall display a wheelchair emblem

below the upper window on the emergency door and the special-service entrance door. The emblem shall be made of blue reflective material and be a minimum of six inches in width and height or a maximum of 12 inches in width and height and shall contain a reflective white wheelchair impression with a minimum of 1/8 inch reflective white border around the outer edges of the emblem.

- J. Types A and B school buses used for transportation of passengers with special needs shall comply with the specifications contained in this Section except:
 - A ramp may be installed in place of a wheelchair lift;
 - If a ramp is used, it shall be of a strength and rigidity
 to support a wheelchair, passenger, and individual
 attending the wheelchair passenger. The ramp shall
 be equipped with a barrier on each longitudinal
 side to prevent the wheelchair from leaving the
 ramp:
 - The floor of the ramp shall be covered with nonskid material; and
 - A ramp shall not be carried in the passenger compartment of a school bus.

R17-9-106. Minimum Standards for School Bus Chassis

As of the effective date of these rules, the chassis of a school bus shall meet the following requirements when the school bus is introduced into Arizona:

- Air cleaner: An engine intake air cleaner shall be installed in the school bus that meets engine specifications defined by the school bus manufacturer.
- Axles: The front and rear axles and suspension assemblies shall have a gross axle weight rating as stated by the chassis manufacturer on a notice located in the school bus driver's compartment.
- Back-up alarm: If installed, an alarm which emits a warning sound when the school bus is backing up shall conform to the following:
 - a. The alarm-signaling device shall be of electronic, solid state design and shall emit an audible sound of a minimum of 97 dB(A) measured at 4 feet, zero degrees access from the source of the sound.
 - b. The alarm-signaling device shall be wired into the backup light circuits and shall emit sound automatically when the gear shift lever is in "reverse" position.
 - c. The alarm-signaling device shall be attached to the chassis behind the rear axle of the school bus.

4. Brakes:

- a. A school bus with a passenger capacity of 60 or less shall be equipped with a service-brake system that uses compressed air, vacuum assist, or hydraulic assist.
- A school bus with a passenger capacity greater than 60 shall be equipped with a service-brake system that uses compressed air.
- In addition to the service-brake system, a school bus shall be equipped with a parking

- brake system to keep the school bus from moving when parked.
- d. The service brakes in a compressed-air system shall be adjusted using the following criteria:

Diameter of		
Rubber Seal	energy of the	
Separating the	Outside	Maximum
Air Chamber	Diameter	Distance for
in Brake	of Air	Readjustment
Chamber	Chamber	of Pushrod
6 square inches	4 1/2 inches	1 1/4 inches
9 square inches	5 1/4 inches	1 3/8 inches
12 square inches	5 11/16 inches	1 3/8 inches
16 square inches	6 3/8 inches	1 3/4 inches
20 square inches	6 25/32 inches	1 3/4 inches
24 square inches	7 7/32 inches	1 3/4 inches
30 square inches	8 3/32 inches	2 inches
36 square inches	9 inches	2 1/4 inches

- e. The service-brake system in a compressed-air system shall contain an emergency brake system that will activate when the air loss in the service-brake system reaches 20 to 45 pounds per square inch.
- f. A school bus using a compressed air, vacuumassist, or hydraulic-assist service-brake system shall be equipped with a signal located in the school bus driver's compartment, which emits a continuous audible and visible warning to the school bus driver when:
 - The air pressure available in a compressed air braking system is 60 pounds per square inch or less;
 - The vacuum available for braking in a vacuum-assist system is eight inches of mercury or less; or
 - iii. There is a loss of fluid flow from the main hydraulic pump or loss of electric source powering the back-up system in a hydraulic-assist system.
- g. A school bus using a compressed-air or vacuum-assist service-brake system shall be equipped with one or two illuminated gauges that show the pounds per square inch of compressed air or the inches of mercury vacuum available for the operation of the brake located in the school bus driver's compartment.
- h. A vacuum-assist brake system shall have a vacuum storage reservoir used exclusively for the brakes to ensure that the loss in vacuum is not more than 30% when the brake pedal is completely depressed while the engine is not running.
- A compressed-air or vacuum-assist brake system with a dry reservoir shall have a one-way valve that will prevent the loss of compressed air or vacuum between the dry reservoir and the source of vacuum or compressed air.
- A brake system with a wet reservoir shall have a valve located at the bottom of the wet reservoir that operates automatically or can be

- operated remotely or manually to eject the moisture from the reservoir.
- k. Compressed-air, vacuum-assist, or hydraulicassist brake lines and booster-assist lines shall be installed in such a manner as to prevent heat, vibration, and chafing damage.
- The brake systems of Types C and D school buses shall be installed so that the chassis components can be visually inspected to detect brake lining wear without removal of any of the chassis components.
- Front bumper: The front bumper shall be positioned at the forward-most part of the school bus and shall extend to the outer edges of the school bus.
- Clutch: The clutch torque capacity shall be equal to or greater than the engine torque output.
- Color: The chassis, including wheels and front bumper, shall be painted black. The hood and fenders shall be painted National School Bus Yellow as set forth in R17-9-107(4).
- Cooling system: A school bus shall be equipped with a cooling system in the engine compartment that maintains an engine temperature operating range required to prevent damage to the school bus engine.
- Drive shaft: Each section of the drive shaft shall be protected by a metal guard around its circumference to reduce the possibility of the drive shaft penetrating through the school bus floor or dropping to the ground.
- 10. Electrical system:
 - a. Battery: The battery shall have a minimum cold-cranking capacity rating equal to the cranking current required by the engine for 30 seconds at 0° Fahrenheit or 17.8° Centigrade and a minimum reserve capacity rating of 120 minutes at 25 amperes.
 - b. Alternator:
 - A Type A bus shall have an alternator with a minimum charging rate of 90 amperes per hour. If equipped with a wheelchair lift, the alternator shall have a minimum charging rate of 100 amperes per hour.
 - ii. A Type B bus shall have an alternator with a minimum charging rate of 100 ampere per hour.
 - Types C and D buses shall have an alternator with a minimum charging rate of 120 amperes per hour and a minimum charging rate of 30 amperes at engine idle speed.
 - The alternator on a school bus shall contain a regulator to control the voltage to the battery.
 - c. Wiring:
 - All wiring shall conform to the current applicable, recommended practices of the Society of Automotive Engineers Standard J1292, published October 1981 (and no future amendment or editions), incorporated herein by reference and on

- file with the Department and the Office of the Secretary of State.
- ii. All wiring shall use a standard color and number coding and each chassis shall contain a wiring diagram that details the wiring of the chassis.
- ii. The chassis shall be equipped with a connection to provide electrical power to the school bus that is located on the chassis cowl or engine compartment of a school bus designed without a chassis cowl, which shall contain the following terminals:
 - (1) Main 100 ampere body circuit,
 - (2) Tail lamps,
 - (3) Right-turn signal,
 - (4) Left-turn signal,
 - (5) Stop lamps,
 - (6) Backup lamps, and
 - (7) Instrument panel lights with a rheostat control.
- Engine horsepower: The gross vehicle weight rating of the school bus shall not exceed 185 pounds for each engine horsepower as published by the manufacturer on a notice located on the school bus engine.
- 12. Exhaust system:
 - a. The exhaust pipe, muffler, and tailpipe shall be located under the school bus body and shall be attached to the chassis.
 - b. The tailpipe shall be constructed of a corrosion-resistant tubing material at least equal in strength and durability to 16-gauge steel tubing.
 - c. The exhaust system on a gasoline-powered chassis shall be insulated from fuel tank connections by a shield at any point where the exhaust system is 12 inches or less from the fuel tank or fuel tank connections.
- 13. Frame:
 - a. The school bus frame shall be of such design and strength to be capable of supporting the gross vehicle weight of the school bus.
 - A school bus frame shall not be altered for any purpose.
 - c. Holes in top or bottom flanges of frame rails are not permitted except as provided by the manufacturer. There shall be no welding to the frame rails except by the chassis or body manufacturer.
- 14. Front fenders of Type C buses: The outer edges of the front fenders shall be wider than the outer edges of the front tires when the front wheels are in the straight-ahead position.
- 15. Fuel system:
 - a. A school bus shall contain a fuel tank with a minimum 30-gallon capacity, with a minimum disbursement of 25 gallons of fuel to the engine. The fuel tank shall be vented to the outside of the school bus body so that fuel spillage will not contact any part of the exhaust system.

- b. No portion of the fuel system which is located outside of the engine compartment, except the filler tube, shall extend above the top of the chassis frame.
- A fuel filter with replaceable element shall be installed between the fuel tank and engine.
- d. The fuel line that supplies fuel to the engine shall be located at the top of the fuel tank.
- 16. Horn: A school bus shall be equipped with at least one horn capable of producing a sound level between 82 and 102 dB(A) when tested according to the Society of Automotive Engineers Standard J377, published February 1987 (and no future amendments or editions), incorporated herein by reference and on file with the Department and the Office of the Secretary of State.
- 17. Instruments and instrument panel:
 - The chassis shall be equipped with the following instruments:
 - i. Speedometer,
 - Odometer which will give accrued mileage including tenths of miles,
 - iii. Voltmeter or ammeter,
 - iv. Oil pressure gauge,
 - v. Water temperature gauge,
 - vi. Fuel gauge,
 - vii. Upper beam head lamp indicator,
 - viii. Brake system signal as required by R17-9-106(4)(e),
 - ix. Turn signal indicator, and
 - x. Air pressure or hydraulic gauge.
 - b. The instruments shall be mounted on the instrument panel in the school bus driver's compartment and shall be visible to the school bus driver while seated in the driver's seat.
 - c. The instrument panel shall be equipped with a rheostat switch that controls the illumination to the instrument panel and the gear shift selector indicator.
- 18. Oil filter: A replaceable element or cartridge-type oil filter shall be provided with a minimum capacity recommended by the manufacturer of the school bus engine.
- Openings: All openings in the floorboard or fire wall between the chassis and passenger compartment shall be sealed.
- 20. Splash guards:
 - A school bus shall be equipped with rear fender splash guards which shall be constructed of flexible rubberized material.
 - b. The splash guards shall be wide enough to cover the tire tread width and shall be installed close enough to the tire tread surface as to control side-throw of road surface material and shall extend to within eight inches of ground level.
- 21. Steering system:
 - Power steering is required on all school buses manufactured after January 1, 1984.
 - Power-steering belts shall not be frayed, cracked, or slipping.
 - The power-steering system shall be free from leaks.

- iii. The fluid in the power-steering system shall fill the reservoir to the full level as indicated on the dipstick.
- b. Bracing extending from the center of the steering wheel to the steering wheel ring shall not be cracked or missing.
- c. The distance of movement of the steering wheel between two points of resistance shall not be greater than the following:

Steering wheel diameter	Manual steering	Power steering	
16 inches or less	2 inches	4 1/2 inches	
18 inches	2 1/4 inches	4 3/4 inches	
20 inches	2 1/2 inches	5 1/4 inches	
22 inches	2 3/4 inches	5 3/4 inches	

- d. There shall be clearance of at least two inches between the steering wheel and any object in the driver's compartment.
- A non-adjustable steering column shall be fastened in a fixed position. An adjustable steering column shall be equipped with a locking mechanism.
- f. The steering gear housing shall not have loose or missing mounting bolts or cracks in the gear housing or mounting brackets.
- g. The connecting arm on the steering gear power source shall not be loose.
- The steering wheel shall turn freely in both directions.
- The steering system shall be provided with a means for lubrication of all wear-points.

22. Suspension:

- a. Shock absorbers:
 - The bus shall be equipped with front and rear double-acting shock absorbers. Replacements to shock absorbers shall be made according to the manufacturer's part number as stamped on the shock absorber.
 - ii. If a school bus is manufactured with tandem rear axles, rear-shock absorbers are not required.
- b. Suspension springs:
 - Rear springs, if used, shall be of progressive type which adapt to variable weights.
 - ii. Axles shall be mounted to suspension springs with U-bolts.
 - iii. Suspension parts in the suspension springs shall not be broken or bent.
- 23. Tires and wheels:
 - All tires and wheels shall have an accumulated load rating at least equal to the gross vehicle weight rating.
 - Dual rear tires shall be provided on Types B,
 C, and D buses.
 - Each tire on each axle shall be of the same size and ply rating and shall not differ more than one size between front and rear axles.
 - d. If present, a spare tire carrier shall be mounted in a location outside the passenger

- compartment. Types A and B buses are exempt from this provision.
- Transmission: The school bus transmission shall provide for not less than three forward and one reverse speeds.

25. Turning radius:

- a. A chassis with a wheel base of 264 inches or less shall have a right and left turning radius of not more than 42 1/2 feet, as measured to the edge of the front tire at the outside of a circle as the school bus moves within the circle.
- b. A chassis with a wheelbase of 265 inches or more shall have a right and left turning radius of not more than 44 1/2 feet, as measured to the edge of the front tire at the outside of a circle as the school bus moves within the circle.

26. Weight:

- a. The gross vehicle weight of the school bus shall not exceed the chassis manufacturer's gross vehicle weight rating for the chassis as recorded on a notice located in the school bus driver's compartment.
- b. The gross vehicle weight is the sum of the chassis weight, the school bus body weight, the school bus driver's weight, and the total seated passenger weight.
 - i. For purposes of calculation, the school bus driver's weight is 150 pounds.
 - For the purpose of calculation, the passenger weight is 120 pounds per passenger.
- c. The weight distribution of a school bus on a level surface that is fully loaded according to the gross vehicle weight rating shall not exceed the front gross axle weight rating and rear gross axle weight rating as recorded on a notice located in the school bus driver's compartment.

R17-9-107. Minimum Standards for School Bus Body As of the effective date of these rules, the body of a school bus shall meet the following requirements when the school bus is introduced into Arizona:

- 1. Aisle:
 - a. The center aisle of a school bus shall have a clearance of not less than 12 inches at the bottom of the seat cushion, increasing to 15 inches at the top of the seat backs.
 - Aisles to side emergency doors shall have a minimum clearance of 12 inches which may be achieved by using flip-up type seats.

2. Auxiliary fans:

- Auxiliary fans, if installed, shall be placed in locations that do not obstruct the school bus driver's view of any mirror located on the school bus.
- Auxiliary fans, if installed, shall be six inches in diameter with the fan blades covered by a protective cage.
- Each installed auxiliary fan shall be controlled by a switch that is independent of any other electrical system.
- Battery:

- a. Batteries shall be secured to a slide-out or swing-out tray in a closed, vented compartment in the school bus body, so that the battery may be exposed to the outside for servicing. The battery-compartment door shall be secured by a fastening device when the door is in an open position.
- b. The battery compartment shall be identified by unshaded black letters no more than two inches in height located on the compartment door or immediately above the compartment door
- Buses with a battery located under the engine hood of the school bus are exempt from these provisions.

4. Color:

 The school bus body shall be painted National School Bus Yellow according to the following specifications and tolerances:

Description	n Refle	ctance C	hromaticit
	У	x	у
Centroid	.41.5% .	.5139	.4434
V+ Light			
Limit	42.9%	.5139	.4427
V-Dark			
Limit	39.8%	.5133	.4422
H+ Green			
Limit	41.6%	.5123	.4368
H-Red			
Limit	41.7%	.5168	.4489
C+ Vivid			
Limit	41.5%	.5188	.4457
C-Weak			
Limit	41.5%	.5095	.4405

 The exterior paint trim, bumpers, lamp hoods, and lettering on the school bus body shall be painted black.

5. Defrosters:

- a. Defrosting and defogging equipment shall direct a flow of heated air onto the windshield, the window to the left of the driver, and the glass in the viewing area directly to the right of the driver to eliminate frost, fog, and snow.
- b. The defrosting system shall conform to the Society of Automotive Engineers Standards J381, published June 1984 (and no future amendments or editions), and J382, published October 1984 (and no future amendments or editions), incorporated herein by reference and on file with the Department and the Office of the Secretary of State.
- Auxiliary fans shall not to be used in place of a defrosting and defogging system.
- Portable heaters shall not be used in place of a defrosting or defogging system.

6. Electrical wiring:

- a. All electrical wiring on a school bus shall conform to the standards contained in the Society of Automotive Engineers J1292 published October 1981 (and no future amendments or editions) incorporated herein by reference and on file with the Department and the Office of the Secretary of State.
- The electrical wiring shall be color coded as follows:

- Left Rear Directional Light Yellow Right Rear Directional Light Dark ii. Green Red iii. Stoplights Blue iv. Back-up Lights **Taillights** Brown V. White vi. Ground vii. Ignition Feed, Primary Feed Black Circuits:
- i. Each electrical wiring circuit shall be protected by a fuse or circuit breaker.
 - ii. Electrical wiring shall be arranged in a minimum of seven circuits as follows:
 - (1) Head, tail, stop, and instrument panel lamps;
 - (2) Clearance and step-well lamps;
 - (3) Dome lamps;
 - (4) Ignition and emergency door signal;
 - (5) Turn signal lamps;
 - (6) Alternately flashing signal lamps; and
 - (7) Heaters and defrosters.
 - iii. Each school bus body electrical circuit shall be coded by number or letter on an electrical wiring diagram which shall be located in the driver's compartment or the electrical access panel door.
- d. All electrical wires passing through metal openings shall be protected by a grommet.
- e. Electrical wires not enclosed within the school bus body shall be fastened at intervals of not more than 18 inches.
- Emergency exits: A door, push-out window, or roof hatch used as an emergency exit shall conform to the following:
 - a. On the inside and outside of school bus, the words "EMERGENCY EXIT" shall be printed in black, unshaded letters at least two inches high above an emergency door or push-out window and at least one inch high on the roof hatch.
 - b. Each emergency exit shall open toward the exterior of the school bus and shall be labeled within six inches of the interior release mechanism with black lettering at least 3/8 of an inch high instructing how the exit is to be opened.
 - c. A Type A school bus with double rear doors used as emergency exits shall be secured with upper, center, and lower latches to the door frame of the emergency exit.
 - d. The upper portion of each door used as an emergency exit shall be equipped with a window made of safety glass with an area not less than 400 square inches. A door located in the rear end of the school bus used as an emergency exit shall also contain a lower window panel of safety glass of not less than 350 square inches. A Type A school bus that contains double rear doors used as emergency exits is exempt from this provision.
 - e. There shall be no steps on the outside of the school bus leading to an emergency exit.

- f. A header pad filled with a material to protect against injury shall be attached to the top edge of the frame of the door used as an emergency exit. The header pad shall be a minimum of three inches wide and one inch thick and extend the full width of the door opening.
- g. Each emergency exit shall be equipped with a latch that opens from the inside of the school bus and is connected to an electrical buzzer audible in the school bus driver's compartment which will actuate when the latch is being released.
- h. If a lock is installed on an emergency exit, the lock shall be secured only by using a key and shall deactivate the ignition system of the school bus when locked.
- Emergency equipment:
 - a. Fire extinguisher:
 - i. A school bus shall be equipped with a minimum of one pressurized, dry, chemical fire extinguisher which shall be of a type rated not less than 2A-10-BC by the Underwriter's Laboratories, Inc. and described by the National Fire Protection Association, publication 10, published in 1990 (and no future amendments or editions), incorporated herein by reference and on file with the Department and the Office of the Secretary of State.
 - ii. The fire extinguisher shall be mounted in a bracket in the school bus driver's compartment. A pressure gauge shall be mounted on the extinguisher to be readable in its mounted position.
 - iii. The operating mechanism of the fire extinguisher shall be sealed with a type of seal that will not interfere with the use of the fire extinguisher.
 - b. First-aid kit:
 - A removable 24-unit first-aid kit shall be mounted in the school bus driver's compartment and shall have a weatherproofing seal around the lid of the first-aid kit to prevent moisture or dust from entering the first-aid kit.
 - i. The first-aid kit shall contain:
 - (1) 2 1" x 2 1/2" yards adhesive tape rolls;
 - (2) 24 Sterile gauze pads 3" x 3";
 - (3) 100 3/4" x 3" adhesive bandages;
 - (4) 8 2" bandage compresses;
 - (5) 10 3" bandage compresses;
 - (6) 2 2" x 6' sterile gauze roller bandages;
 - (7) 2 non-sterile triangular bandages approximately 40" x 36" x 54" with two safety pins;
 - (8) 3 Sterile gauze pads 36" x 36";
 - (9) 3 Sterile eye pads;
 - (10) 1 Rounded-end scissors;
 - (11) 1 Pair latex gloves; and
 - (12) 1 Mouth-to-mouth airway.
 - c. Body fluid clean-up kit:

- A removable 12-unit body fluid clean-up kit shall be mounted in the school bus driver's compartment and shall have a weatherproofing seal around the lid of the body fluid clean-up kit to prevent moisture or dust from entering the body fluid clean-up kit.
- ii. The body fluid clean-up kit shall contain:
 - (1) 1 Pouch of solidifier with chlorine:
 - (2) 1 Pick-up scoop with scraper;
 - (3) 1 Pair of latex gloves;
 - (4) 2 Disinfectant hand wipes (antimicrobial);
 - (5) 1 Disposable face mask;
 - (6) 2 Plastic disposal bags with ties (biohazard);
 - (7) 2 Germicidal towelettes effective against human immunodeficiency virus and tuberculosis;
 - (8) 1 Disposable plastic apron that provides neck to ankle coverage;
 - (9) 1 Disposable eye coverage;
 - (10) 2 Paper crepe towels; and
 - (11) 1 Easy to follow instructions.
- d. Warning devices: A school bus shall contain a minimum of three reflective triangle road warning devices mounted in the driver's compartment.

9. Floor:

- a. The floor beneath the seats, including the tops of the wheel housings and the floor in the driver's compartment, shall be covered with fire-resistant rubber floor covering having a minimum overall thickness of .125 inches.
- b. The aisle floor shall be covered with one continuous strip of fire-resistant ribbed rubber floor covering with a minimum thickness of .187 inches measured from the tops of the ribs.
- c. The rubber floor covering shall be bonded to the floor with an adhesive and shall not crack when subjected to changes in air temperature. Bonding or adhesive material shall be waterproof.

10. Heating system:

- a. Heaters shall be of the hot-water type.
- If only one heater is used, it shall be a fresh-air or combination fresh-air and recirculating type.
- c. If more than one heater is used, additional heaters may be of recirculating air type.
- d. The heating system shall be capable of maintaining a temperature throughout the bus of not less than 40° Fahrenheit or 5° Centigrade.
- e. Each heater shall bear a name plate that shows the heater rating in accordance with School Bus Manufacturers Institute Standard No. 001, no publication date (and no future amendment or editions), incorporated herein by reference and on file with the Department and the Office of the Secretary of State, which

- shall constitute certification that the heater performance is as shown on the plate.
- f. All heater hoses shall be secured in all areas of the school bus body and chassis to prevent wear due to vibration. Heater lines on the interior of the bus shall be covered by a protective shield to prevent scalding of the driver or passengers.
- g. The heater system shall include shutoff valves installed in the water pressure lines and return lines at the engine. Type A buses are exempt from this provision.

11. Identification:

- a. Only signs and lettering approved by state or federal law or these rules shall appear on the front, sides, or rear of the school bus body, including all glass areas.
- b. Each school bus owned by a school shall display the name of the school and bus number on each side of the school bus in black unshaded letters that are five inches in height. Additionally, a privately-owned school bus may display the school bus owner's name on each exterior side of the school bus below the floor line in black unshaded letters that are a maximum of two inches in height.
- c. A number assigned to a school bus by an employer shall be placed on the front bumper and on a corresponding location of the rear bumper of the school bus. The number shall be painted National School Bus Yellow and a minimum of five inches in height.
- 12. Interior: If the ceiling is constructed with overlapping panels, the first panel placed in the ceiling shall be overlapped by the following panel and each panel shall consecutively overlap to the rear end of the school bus. Exposed edges in the interior of the school bus shall be beaded, hemmed, flanged, or rounded to eliminate sharp edges.

13. Lamps and signals:

- a. All lamps on the exterior of the school bus shall conform to the provisions contained in Section 393.9 of the Federal Motor Carrier Safety Regulations, published October 1993 (and no future amendments or editions), incorporated herein by reference and on file with the Department and the Office of the Secretary of State.
- Interior lamps shall be provided which illuminate the center aisle and step well of the school bus.
- c. School bus alternately flashing signal lamps:
 - i. When a school bus is equipped with a four-lamp system, the system shall consist of two red alternately flashing signal lamps at the rear of the school bus and two red alternately flashing signal lamps at the front of the school bus. Each alternately flashing red signal lamp shall be located above the windshield on the front of the school bus and above the rear windows and turn signal lamps on the rear end of the school bus.

- ii. When a school bus is equipped with an eight-lamp system. in addition to the four red signal lamps described in subsection (13)(C)(i) above, four amber alternately flashing signal lamps shall be installed as follows: one amber alternately flashing signal lamp shall be located adjacent to each red alternately flashing signal lamp, at the same level, but closer to the vertical centerline of the school bus. The system of red and amber alternately flashing signal lamps shall be wired so that the alternately flashing amber signal lamps are activated manually and the red alternately flashing signal lamps are activated automatically, with the alternately flashing amber signal lamps being automatically deactivated when the school bus service door is opened.
- The area around the lens of each alternately flashing signal lamp, and extending outward for three inches, shall be painted black.

d. Turn signal and stop lamps:

- The school bus body shall be equipped with rear turn signal lamps which are at least seven inches in diameter. These signal lamps shall be connected to the hazard warning switch located in the school bus driver's compartment to allow the school bus driver to activate simultaneous flashing of turn signal lamps when needed as a traffic hazard warning. The rear turn signal lamps shall be located to the far left and right sides of the flat surface of the rear of the school bus body and below the rear window. The lens area of the rear turn signal lamps on Type A school buses shall be at least 21 square inches.
- A school bus shall be equipped with turn signal lamps visible from the right and left sides of the school bus.
 - (1) A Type C school bus may have either a double-faced signal lamp visible from the front and rear of the school bus, which is mounted on the front fender or a turn signal lamp mounted at each side of the school bus and located forward of the vertical centerline of the school bus
 - (2) A Type D school bus shall have a turn signal lamp mounted at each side of the school bus and located forward of the vertical centerline of the school bus.
 - (3) Types A and B buses are exempt from these provisions.
- Two seven-inch diameter stop lamps shall be located adjacent to the rear turn signal lamps below the rear window.

- e. Backup lamps: A school bus shall be equipped with two backup lamps with clear lenses located on the right and left rear panels below the rear windows.
- f. White flashing strobe lamp: If used on a school bus, a strobe lamp shall have a single clear lens that emits light 360 degrees around its vertical axis and shall be located on the longitudinal centerline of the school bus roof 1/3 to 1/2 of the distance forward from the rear of the school bus body unless this placement restricts the view of the strobe lamp.
 - i. If the view of the strobe lamp is restricted when the strobe lamp is located 1/3 to 1/2 of the distance forward from the rear of the school bus body, the strobe lamp may be mounted immediately to the rear of the roof hatch.
 - The strobe lamp shall be controlled by a manual switch located in the school bus driver's compartment.
 - A pilot lamp shall be located in the school bus driver's compartment to show the school bus driver that the strobe lamp has been activated.

14. Mirrors:

- a. Interior mirror: The interior mirror shall be made of either laminated glass or glass bonded to a backing that will retain the glass in the event of breakage. The interior mirror in Types C and D school buses shall be a minimum of 6 inches in height and 30 inches in length surrounded by a frame with rounded corners. The interior mirror in Types A and B buses shall be a minimum of 6 inches in height and 16 inches in length.
- b. Exterior mirrors: A school bus shall comply with the requirements contained in 49 CFR 571.111, as amended October 1993 (and no future amendments or editions), incorporated herein by reference and on file with the Department and the Office of the Secretary of State.
- 15. Overall length: The overall length of a school bus shall not exceed 40 feet excluding mirrors.
- 16. Overall width: The overall width of a school bus shall not exceed 102 inches excluding mirrors.
- 17. Rear bumper:
 - a. The rear bumper shall be made of a minimum of 3/16 inch thick pressed steel that is a minimum of 8 inches in total height.
 - b. The bumper shall be wrapped around the back corners of the bus and shall extend toward the front of the school bus for at least 12 inches as measured from the rear-most point of the school bus body at the floor line.
 - c. The bumper shall be attached to the chassis frame and braced to support the rear corners of the bumper.
 - d. The bumper shall extend at least one inch beyond the rear-most part of the school bus body as measured at the floor line.

- The bumper shall not be equipped with footholds or handles.
- f. A Type A bus equipped with the chassis manufacturer's rear bumper is exempt from subsections (17)(a) through (c).

18. Restraining barrier:

- a. The restraining barrier shall be a minimum of 38 inches high as measured from the interior floor of the school bus to the top of the restraining barrier.
- The restraining barrier shall be the same width of the seat directly behind the restraining barrier.

19. Rub rails:

- a. There shall be no less than two rub rails located on the school bus as follows:
 - One rub rail shall be located on each side of the school bus approximately at seat cushion level which shall extend from the rear post of the service door frame completely around the school bus body, excluding the emergency door, to the front post of the school bus driver's window.
 - ii. One rub rail shall be located on each side of the school bus approximately at the floor line which shall extend from the rear post of the service door frame to the rear corner post of the school bus body and from the front post of the school bus driver's window to the rear corner post on the driver's side.
- Rub rails are not required on emergency doors, access panels and compartment doors, and wheel well openings.
- Each rub rail shall be attached on the outside of the school bus body at each structural post in the school bus body.
- d. Each rub rail shall be a minimum of four inches in width and shall be constructed of corrugated or ribbed 16-gauge steel.
- 20. Seat belt for school bus driver: A seat belt for the school bus driver shall be installed in the school bus driver's compartment. The seat belt shall be equipped with a retractor on each side of the school bus driver's seat to keep the seat belt retracted and off the floor when not in use.

21. Seats:

- Each seat shall have a minimum depth of 15 inches measured from the front of the seat cushion to the seat back.
- b. Each seat shall be a minimum of 38 inches in height as measured from the interior floor of the school bus to the top of the back seat cushion.
- c. The school bus driver's seat shall be adjustable, without the use of tools, both vertically and horizontally for a minimum of four inches. The horizontal adjustment shall be forward and rearward. Seats with vertical adjustments are not required on Type A buses.

22. Service door:

 The service door shall be located on the right side of the school bus opposite the school bus

- driver and within direct view of the school bus driver when seated in the school bus driver's seat.
- o. The service door shall have a minimum horizontal opening of 24 inches and a minimum vertical opening of 68 inches. Type A school buses shall have a service door with a minimum opening of 1200 square inches.
- c. Windows in the upper and lower panels of the service door shall be made of safety glass. The bottom of each lower window panel shall be no more than ten inches from the top surface of the lower step of the service entrance. The top of each upper window panel shall be no more than six inches below the top of the service door. Type A buses are exempt from this provision.
- d. To protect childrens' fingers, a flexible material shall be attached to the outer edge of the service door. Type A buses are exempt from this provision.
- A door shall not be placed on the school bus driver's side of the school bus. Types A and B buses are exempt from this provision.
- f. A header pad filled with a material to protect against injury shall be attached to the top edge of the frame of the service door. The header pad shall be at least three inches wide and one inch thick and extend the full width of the service door opening.

23. Steps:

- a. The risers of the steps in the service door entrance shall be equal. When plywood is laid over the steel floor of the school bus, the height of the top step may be increased by the thickness of the plywood used.
- b. The first step at the service door shall not be less than 10 inches and not more than 16 inches from the ground.
- c. Steps shall be enclosed in the school bus body.
- Steps shall not extend beyond the side of the school bus body.
- A grab handle not less than ten inches in length shall be provided inside the doorway.
- f. A Type A school bus with the chassis manufacturer's standard entrance door is exempt from subsections (23)(a) through (d).

24. Step treads:

- All steps, including the floor line platform area, shall be covered with 3/16 inch ribbed rubber floor covering that is mounted on a metal plate.
- b. The metal back of the tread shall be a minimum 24-gauge cold rolled steel and shall be permanently bonded to the ribbed rubber. The ribbed design shall run from the risers toward the service entrance door opening.
- c. The 3/16 inch ribbed tread shall have a 1 1/2 inch white nosing.
- 25. Stirrup steps: There shall be at least one folding stirrup step or recessed foothold and handle located on each side of the front of the school bus for accessibility for cleaning the windshield and

- lamps. Type A school buses are exempt from this provision.
- 26. Stop signal arm:
 - A stop signal arm that extends 90 degrees from the school bus body when opened shall be installed on the left side of the school bus body.
 - b. The stop signal arm shall be an 18-inch octagon, constructed of a red material that reflects light, with the word "STOP" printed on both sides in white letters not less than five inches high.
- 27. Sun shield: An interior adjustable transparent sun shield not less than 6" x 30" with a finished edge shall be installed over the windshield in the school bus driver's compartment. Types A and B buses not originally manufactured as school buses are exempt from this provision.
- 28. Tailpipe: If a rear exhaust is installed, the tailpipe shall extend to, but not more than two inches beyond, the outer edges of the rear bumper. If a side exhaust is installed, the tailpipe shall terminate flush with the outside edge of the school bus body in the rear half of the school bus.
- 29. Undercoating:
 - a. The entire underside of the school bus body, including floor sections, cross members, and side panels, shall be coated according to the specifications contained in TT-C-520B, published February 2, 1973 (and no future amendments or editions), incorporated herein by reference and on file with the Department and the Office of the Secretary of State.
 - Undercoating is not required on the underside of fiberglass fenders.
- 30. Ventilation: An immovable, non-closing exhaust ventilator shall be installed in the school bus roof.
- 31. Wheel housing:
 - a. The wheel-housing opening shall be large enough to allow for the removal of the tire and wheel.
 - b. The wheel housing shall be constructed of 16-gauge steel or fiberglass of equal strength and sealed to the school bus floor.
 - c. The wheel housing shall not extend more than 12 inches above the floor inside the school bus body and shall not extend into the emergency door opening.
 - The wheel housing shall provide clearance for tire chains installed on the tires of the driving wheels.
- 32. Windows: Each side window in the passenger compartment of the school bus body shall provide an unobstructed opening of at least 190 square inches when the window is open.
- 33. Windshield: The windshield shall have a tinted horizontal gradient band starting above the line of driver's vision and gradually decreasing in light transmission to 20 percent or less at the top of the windshield. The tinted gradient band is optional on a Type D bus.

- Windshield washers: A windshield-washer system that provides an application of cleaning solution to the windshield is required.
- 35. Windshield wipers:
 - A windshield-wiping system with a minimum of two-speeds shall be provided.
 - b. The windshield wipers shall be operated by one or more air or electric motors.

R17-9-108. Inspection, Maintenance, and Alterations

- A. A school bus shall be inspected by the Department pursuant to the following standards before the school bus is introduced into Arizona to transport passengers:
 - If the Department finds that no defect exists on the school bus, the Department shall place a decal that contains a number used by the Department to identify the school bus above the school bus driver's side window in the school bus driver's compartment and a safety inspection decal that contains a month and year of inspection on the lower corner of the windshield opposite the school bus driver or on the window nearest that location on the school bus.
 - 2. If the Department finds a major defect on the school bus after inspection, the Department shall place the school bus out of service. Before the school bus may be placed back into service, the Department shall reinspect the school bus to determine that the defect has been corrected.
 - If the Department finds a minor defect on a school bus after inspection, the school bus may be operated to transport passengers while the minor defect is being corrected. A copy of the inspection order issued by the Department shall be returned to the Department within 15 working days from the date of inspection, which shows that the minor defect has been corrected. The Department may grant one extension of time, not to exceed 15 calendar days, to correct the minor defect upon a written request from the employer detailing the reasons for the need for the extension of time. If the minor defect is not corrected within the time prescribed by the Department, the Department shall remove the safety inspection decal and the school bus shall be placed out of service until further inspection by the Department shows that the minor defect has been corrected.
 - 4. If the Department finds no major defect after inspecting the school bus, the Department shall place a decal that contains a number that is used by the Department to identify the school bus above the school bus driver's side window in the driver's compartment. This decal shall not be removed from the school bus while it is operated in the state of Arizona.
 - 5. If the Department finds a minor but no major defect after inspecting the school bus, the Department shall place a safety inspection decal that contains a month and year of inspection on the lower corner of the windshield opposite the driver or on the side window nearest that location inside the school bus.
- B. The Department shall use the following criteria to determine whether a major or minor defect is present on a school bus:

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INSPECTION ITEM	MAJOR DEFECT	MINOR DEFECT
Alternately flashing lamps	One or more inoperative lamps	Incorrect color
		Cracked, broken, or missing lens Dust behind lens
Back-up lamps		Inoperative
		Incorrect color
		Cracked, broken, or missing lens
		Dust behind lens
Clearance lamps		Inoperative
		Incorrect color
		Cracked, broken, or missing lens
Hazard lamps	Inongrativa	Dust behind lens
Head lamps	Inoperative Low beam inoperative	High beam inoperative
arma map	Inoperative dimmer switch	rngu beam moperative
	Not mounted as required by 49 CFR 393.24	
Identification lamps		Inoperative
		Incorrect color
		Cracked, broken, or missing lens
T.A. 1. 1		Dust behind lens
Interior lamps Over aisle		Inoperative
		Missing lens
Over step-well	Inoperative	Missing lens
Side marker lamps		Inoperative
		Incorrect color
		Cracked, broken, or missing lens
Stor large	The set of	Dust behind lens
Stop lamps	Both inoperative	One inoperative Dust behind lens
Strobe lamp, if installed		Inoperative
, , , , , , , , , , , , , , , , , , ,		Incorrect color
		Incorrect location
Tail lamps	Both inoperative	One inoperative
		Cracked, broken, or missing lens
		Dust behind lens
Turn signal lamps	Inoperative	Cracked, broken, or missing lens
		Dust behind lens Incorrect size
		Incorrect location
Auxiliary fans	Obstructs school bus driver's view of	Incorrect size
	any mirror	
	Used in place of defrosting or defogging	Not controlled by independent switch
	system Not covered by protective cage	
Battery (Types C and D buses only)	Incorrect mounting	Incorrect or no identification
Body fluid clean-up kit	Absence of body fluid clean-up kit	One or two items missing from body
		fluid clean-up kit
	Three or more required items missing from body fluid clean-up kit	
Bumpers	Breaks or rips	Not painted black
-	Loose bumper	E
	Footholds or handles present on rear bumper	

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Cooling system Leaks in system

Fluid level in radiator not full

Cross view mirror Missing

Emergency exit

Exterior paint

Broken or loose mounting

Broken or clouded glass

Defroster Inoperative

Ventilation openings blocked

Drive shaft Absence of protective metal guards around the

drive shaft

Dust boots Missing, torn, split, or loose around floor-

mounted gear shift, parking brake handle,

or steering column

Emergency door Inoperative latch

Broken or missing portion of seal around

door

Window not of safety glass Inoperative warning device

No ignition shut-off lock

Inoperative warning device or Broken seal around window

latch

Emergency reflectors Missing two or three

Engine compartment Inoperative hood latch

Missing one

No header pad

Deterioration of hoses, belts, or wiring Deterioration of battery hold-down clamps, corrosive acid buildup on

terminals

Exhaust Tailpipe terminates beneath the passenger

tcompartment

Exhaust leaks

Extends more than two inches beyond

the face of the rear bumper

Exhaust pipe brackets not attached to the

chassis and the tailpipe

Exhaust tailpipe fails to terminate

flush with the outside edge of the school bus

body in the rear half of the school bus

Exposed metal or base primer

End of tailpipe pinched or bent

Incorrect color

Fire extinguisher Absence of fire extinguisher

Not at full charge

Not mounted in required position

First-aid kit Absence of first-aid kit

One or two items missing from first-aid

kit

Three or more required items missing from

first-aid kit

Frame Cracks in frame

Welded repairs not performed by body or

chassis manufacturers

Fuel system Fuel tank not mounted to the chassis frame

and not vented to outside of engine compartment Fuel system extends above chassis frame (does

not apply to filler tube)

Fuel tank brackets cracked or broken

Leaking tanks or fuel lines Fuel line attached to bottom of

fuel tank

Heating system No shutoff valve

Unsecured heater hoses

Heater lines in interior of school bus not

covered by protective shield

Interior

Aisles Seats Incorrect clearance

Cuts or holes in seats
Seat padding missing
Broken seat frames

Screws or mounting bolts missing

Floor covering

Cracked or loose

Holes

Not ribbed

Not one continuous strip in aisle

Incorrect thickness

Incorrect size

Instrument panel

Lettering and numbering

Inoperative gauges or switches

Missing lettering or numbering

Incorrect size, color, or location

Unauthorized signs or letters

Mirrors

Interior or exterior mirrors

missing

Loose or broken mounting brackets Cracks, breaks, or flaking of reflective material affixed to back of mirror glass Loose or missing mounting bracket bolts

or screws

Parking brake

Inoperative, missing parts, or not in proper

adjustment

Rub rails

Missing

Incorrect location Incorrect color

Incorrect width

School bus body

Damage resulting in cuts or rips to the exterior of school bus body Absence of undercoating

Dents in exterior of school bus

Loose or missing rivets, screws,

or bolts

Holes that would allow exhaust gases or dust

to enter the passenger compartment

Bolts attaching body to chassis loose, broken,

or missing

Seat belt

Absence of driver seat belt or inoperative

driver seat belt

Frayed seat belt material

Service brake

Compressed air

Inoperative visual or audible low-air signal Grease or oil leakage into brake system Exposed or damaged ply on any air hose Air capacity less than 90 pounds per square

inch at idle speed

Leaking, cracked, or broken hoses or connections

Pushrod needs adjustment

Emergency brake system

Does not activate when service brake system reaches 20 to 45 pounds per square inch

Vacuum gauge missing

Vacuum-assist

Inoperative visual or audible low-vacuum signal

Vacuum reservoir missing Vacuum system leaks

Grease or oil leakage into brake system

Leaking, cracked, or broken hoses or connections

Hydraulic-assist

Inoperative visual and audible signal

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Service door Incomplete closing of door assembly Absence of flexible material on outer edge of service door

Does not contain safeguards to prevent Absence of header pad accidental opening

Windows not made of safety glass Broken or cracked window panels Inoperative door control

Special needs Incorrect location and size of special-service Drip molding not installed above the

special-service entrance

Incorrect size of special service entrance door Special-service entrance door not

weather-sealed Inoperative pressure switches Incorrect color of door materials and

panels

No safety device in wheelchair lift No restraining barrier on wheelchair-lift platform

Fails to provide wheelchair-securement anchorages

Fails to provide wheelchair-securement devices

Dome light missing or inoperative

Lacks wheelchair emblem Splash guards Does not extend less than eight inches

above the ground

Does not cover entire width of single or dual tires

reservoir to the full level on the dipstick

Incorrect distance between steps

Incorrect lettering on stop arm

Missing splash guards Steering Distance of movement not within parameters Leakage of lubricant

of R17-4-606(22)(c) Steering wheel does not move freely when Power-steering belts cracked, frayed, or

turning the wheel Fluid does not fill power steering

Steering column not in a fixed position or locking mechanism missing or inoperative on adjustable steering column

Steering wheel bracing cracked or missing Loose or missing mounting bolts in steering gear housing

Loose connecting arm on steering gear power source

Loose or missing grab handle in step-well

Incorrect floor covering

Inoperative

Missing stop arm

Incorrect size of stop arm Sun shield Broken, cracked, or missing above the

windshield Suspension

Broken or bent suspension parts Leaking shock absorbers

U-bolts loose or missing Cracks or breaks in shock absorber mounting brackets

Tires Tires on each axle not of the same size and ply rating

Tires vary more than one size between axles

Regrooved, recapped, or retreaded tires mounted

on the front steering wheels

Tread groove depth less than 4/32 of an inch, measured in a tread groove on a tire on a front wheel

Tread groove depth less than 2/32 of an inch, measured in a tread groove on a tire on a rear wheel

Bumps, knots, or bulges present on any tire

Steps

Stop signal arm

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Separation of tread from tire casing Exposed ply or belting on any tire

Flat tire on any wheel

Windows Not of safety glass

Broken

Placement of non-transparent materials

Windshield Placement of non-transparent materials

No gradient windshield band (Not required in Type D buses)

Cracks, chips, or pitting that interfere with

the school bus driver's vision

Windshield wipers Inoperative wiper on school bus driver's side

Inoperative wiper on side opposite the

school bus driver

Inoperative latches

Inoperative speed control Split or hardened wiper blade

Wheels Loose or missing lug nuts

Broken lug bolts

Cracks or welded repair in wheel assembly

Wheel housing Incorrect size of wheel housing and opening

Wiring Incorrect color coding

Wiring circuit not protected by fuse or circuit

breaker

Miscellaneous Objects not secured inside the school bus

Any item noted by the Department that would cause injury to passengers or school bus driver

C. A school bus shall be inspected every 12 months from the month and year stated on the safety inspection decal pursuant to a schedule established by the Department and according to the standards contained in subsections (A) and (B) of this Section and this subsection.

- If the Department finds a major defect, the Department shall remove the current safety inspection decal and replace with a new safety inspection decal only after the major defect has been repaired.
- 2. If the Department finds a minor defect after inspecting the school bus, the Department shall remove the current safety inspection decal and replace with a new safety inspection decal and allow the school to make repairs within 15 calendar days of the inspection. The Department may grant one extension of time, not to exceed 15 calendar days, to correct the minor defect upon a written request from the school submitted to the Department within 15 calendar days of the inspection, which details the reasons for the need for the extension of time. If the minor defect is not corrected within the time prescribed by the Department, the Department shall remove the safety inspection decal and the school bus shall be placed out of service until further inspection by the Department shows that the minor defect has been corrected.
- D. A school bus driver shall conduct one pre-trip and one post-trip operations check of a school bus on each day:
 - Before a school bus is operated for the first time on each day, the school bus driver operating the school bus shall review the immediately preceding

- post-trip operations check report as described in subsection (D)(3).
- A school bus driver shall conduct a pre-trip operations check of a school bus being operated for the first time on each day to determine that the following are operational:
 - All lamps, including alternately flashing, back-up, clearance, hazard, head, identification, interior, side marker, stop, tail, turn signal, and strobe lamps;
 - Tires and wheels;
 - c. Service door;
 - d. Emergency exits and signals;
 - e. Emergency doors and signals;
 - f. Wheelchair lift;
 - g. Special-service entrance door;
 - h. Special-service entrance door signal;
 - i. Windshield wipers;
 - j. Instrument panel and gauges;
 - k. Service brake warning signals and application;
 - Parking brake;
 - m. Engine compartment steering components;
 - n. Seats; and
 - o. Engine fluids.
- 3. A school bus driver shall conduct a post-trip operations check of a school bus after the school bus makes its final trip on each day that consists of checking the items in subsection (D)(2) and the following items to determine whether the items are operational or damaged on the school bus:
 - a. Bumpers,
 - b. Damage to school bus body,

- c. Engine fluid gauges,
- d. Steps,
- e. Step wells and step well lamps,
- f. Windows,
- g. Windshield.
- h. Interior dome lamps,
- i. Seats and frames,
- j. Floor coverings,
- k. Service brakes,
- l. Service brake warning signals,
- m. Special-service entrance dome lamp,
- n. Wheelchair-securement devices,
- o. Wheelchair-securement anchorages, and
- Wheelchair lift.
- In conjunction with conducting the post-trip operations check, a school bus driver shall sweep and clean the interior of the school bus.
- A school bus driver shall prepare a written report with an attached duplicate that contains the contents of the pre-trip and post-trip operations checks and:
 - The date and time of the operations check;
 - The name of the school bus driver conducting the operations check;
 - c. Name of the employer;
 - The number assigned to the school bus by the employer and painted on the outside of the school bus body;
 - e. An indication of whether an item is operational or inoperative; and
 - The signature of the school bus driver conducting the operations check.
- 6. Immediately after conducting a post-trip operations check, the school bus driver shall submit the post-trip operations check report to the employer. The school bus driver shall submit a pre-trip operations check report to the employer only upon finding that any item listed in subsection (D)(2) is inoperative.
 - a. The employer shall use the standards contained in subsection (B) of this Section to determine whether an item noted by the school bus driver on the operations check report as inoperative or damaged is a major or minor defect.
 - b. If the employer finds that a major defect exists, the employer shall place the school bus out of service until the employer repairs the defect.
 - If the employer finds that a minor defect exists, the school bus may be used to transport

passengers, but the employer shall repair the defect within 15 days of the date of the post-trip operations check report.

- 7. The school bus driver shall maintain a duplicate of the post-trip operations check report in the school bus driver's compartment of the school bus until going off-duty and a subsequent school bus driver conducts a post-trip operations check.
- E. An employer shall maintain the following records for each school bus for as long as the school bus is in operation in Arizona:
 - 1. A file containing the following information regarding each school bus:
 - The number assigned to the school bus by the employer;
 - b. The name of the school bus body manufacturer:
 - The name of the school bus chassis manufacturer;
 - d. The identification number of the school bus located in the school bus driver's compartment;
 - e. The year the school bus body was assembled upon the school bus chassis;
 - The size of the tires placed on the school bus; and
 - g. The name of the owner of the school bus, if other than the employer.
 - 2. If a school bus is sold, the owner shall transfer the records in subsection (E)(1) to the purchaser.
 - 3. An employer shall maintain all records of initial inspection and subsequent inspections for three years from the date of inspection
 - An employer shall maintain operations check reports for three months from the date of the reports.

F. Alterations

- Before an employer alters a school bus, the employer shall submit a request in writing to the Department describing the proposed alteration and the reason for the proposal.
- Within 30 days of receiving a request for alteration, the Department shall inform the employer in writing whether the request has been approved or denied. The Department shall base its decision to approve or deny on an assessment of whether the proposed alteration affects the operations of a school buse, complies with the statutes applicable to school buses, these rules, or the health, safety, or welfare of any individual.

Attachment A. Physical Examination Form

PHYSICAL EXAMINATION FORM

	nool Bus Driver's	: Name _				Addre	ss	
oc. Sec. No			Date of	Birth		Age _		
ealth History:								
s No		Yes				Yes	No	
•	Asthma	•	•	Stomach dis Rheumatic f Muscular dis	order	•	•	
•	Kidney Tuberculosis Syphilis Gonorrhea Diabetes	•	•	Rheumatic f	ever	•	•	Seizures, convulsions, or fainting
•	Tuberculosis	•	•	Muscular dis	sease	•	•	Other
•	Syphilis	•	•	Psychiatric o				
•	Gonorrhea	•	•	Cardiovascu		:		
•	Diabetes	•	•	Gastrointest	inal ulcer			
nswer to any	of the above is y	/es, expl	ain:					
neral appear	ance and deve	iopment	t:	Good	Fair _		Poor_	
ion: For dist	ance: Right 20/_		Left 20/	Bot	h•Wi	ithout co	orrective I	enses •With corrective lenses, if won
Evidend	e of disease or	injury:	Right				Left	enses •With corrective lenses, if won
Color te	st			_Horizontal ti	eld of vision	1:	Right_	Left
aring:	Right ear				Left ea	ır		
	Disease or injur	ry						
diometric te:	st: (if used)	Decib	el loss at	500 Hz		1,000	Hz	2,000 Hz
oat:								
rax:Heart _		·····	·····	·				
If organ	ic disease is pre	esent, is f	t fully con	pensated?_				
Blood p	ressure:		-	_Systolic		Diasto	olic	
Pulse:	Before	exercise	<u> </u>	·····	Immed	liately a	fter exerci	ise
Lungs								Hemia: Yes
iomen:	Scars		Abnorm	ial masses _		Tende	mess	Hemia: Yes
No	If so, w	vhere?_			_ ls trus	s worn?		
strointestina	al: Ulcera	ition or of	ther disea	ses: Yes	<u> </u>	No		-
nito-Urinary:	: Scars			Ure	thral discha	irge		
lexes:	Rhomberg							
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INSTRUCTION FOR PERFORMING AND RECORDING PHYSICAL EXAMINATIONS

The examining health care professional shall review these instructions before performing the physical examination and answer each question yes or no where appropriate.

The examining health care professional should be aware of the rigorous physical demands and mental and emotional responsibilities placed on the school bus driver. In the interest of public safety, the examining health care professional is required to certify that the applicant or school bus driver does not have any physical, mental, or organic defect of such a nature as to affect the ability to operate a

school bus safely.

General Information. The purpose of this history and physical examination is to detect the presence of physical, mental or organic defects of such a character and extent as to affect the applicant's or school bus driver's ability to operate a school bus safely. The examination should be made carefully and at least as completely as indicated on the physical examination form. History of certain defects may be cause for rejection or indicate the need to make certain laboratory tests or a further, and more stringent, examination. Defects may be recorded which do not, because of their character or degree, indicate the certification of physical fitness should be denied. However, these defects should be discussed with the applicant or school bus driver, and the applicant or school bus driver should be advised to take the necessary steps to ensure correction, particularly of those which, if neglected, might lead to a condition likely to affect the ability to drive safely.

HISTORY - IDENTIFY WHETHER AN

APPLICANT OR SCHOOL BUS DRIVER:

(1) Has loss of a foot, a leg, a hand, or an arm, which is likely to interfere with the ability to control and operate a school bus safely.

(2) Has no impairment of:

(i) A hand or finger which interferes with

prehension or power grasping; or (ii) Anarm, foot, or leg which interferes with the ability to perform normal tasks associated with operating a school bus; or any other significant limb defect or limitation which interferes with the ability to perform normal tasks associated with operating a school bus; or has been granted a waiver pursuant to 49 CFR 391.49.

(3) Has no established medical history or clinical diagnosis of diabetes mellitus, currently requiring insulin for control, which is likely to interfere with the ability to control and operate

a school bus safely.

(4) Has no current clinical diagnosis of myocardial Infarction, angina pectoris, coronary insufficiency, thrombosis, or any other cardiovascular disease of a variety known to be accompanied by syncope, dyspnea, collapse, or congestive cardiac failure;

(5) Has no established medical history or clinical diagnosis of a respiratory dysfunction likely to interfere with the ability to control and

operate a school bus safely;
(6) Has no current clinical diagnosis of high blood pressure likely to interfere with the ability to operate a school bus safely;

(7) Has no established medical history or clinical diagnosis of rheumatic, arthritic, ortho-

clinical diagnosis of meumatic, aruntic, ortho-pedic, muscular, neuromuscular, or vascular disease which interferes with the ability to control and operate a school bus safely; (8) Has no established medical history or clinical diagnosis of epilepsy or any other condition which is likely to cause loss of consciousness or any loss of ability to control a school bus; and

(9) Has no mental, nervous, organic, or functional disease or psychiatric disorder likely to interfere with the ability to operate a school bus

General appearance and development. Note marked overweight. Note posture defects, limps, tremors, or other defects that might be caused by alcoholism, thyroid intoxication, or other illnesses.

Head-eyes. When other than the Snellen chart is used, the results of such test must be expressed in values comparable to the standard Snellen test. If the applicant or school bus driver wears corrective tenses, these should be worn while applicant's or school bus driver's visual acuity is being tested. If appropriate, indicate on the Health Care Professional's Certificate by checking the box, "Qualified only when wearing corrective lenses." In recording distance vision use 20 feet as normal. Report all vision as a fraction with 20 as numerator and the smallest type read at 20 feet as denominator. Note ptosis, discharge, visual fields, ocular muscle imbalance, color blindness, comeal scar, exophthalmos, or strabismus, uncorrected by corrective

Distant visual aculty must be at least 20/40 (Snellen) in each eye without corrective lenses or visual acuity separately corrected to 20/40 (Snellen) or better with corrective lenses, distant binocular acuity of at least 20/40 (Snellen) in both eyes with or without corrective lenses, field of vision of at least 70° in the horizontal meridian in each eye, and the ability to recognize the colors of traffic signals and devices showing standard red, green, and amber.

If the applicant or school bus driver habitually wears contact lenses, or intends to do so while driving, there should be sufficient evidence to indicate that the applicant or school bus driver has good tolerance and is well adapted to their use. The use of contact lenses should be noted

on the record.

Ears. Note evidence of mastoid or middle ear disease, discharge, symptoms of aura vertigo, or Meniere's Syndrome. When recording hearing, record distance from applicant or school bus driver at which a forced whispered voice can first be heard. If audiometer is used to test hearing, record decibel loss at 500 Hz,1,000 Hz, and 2,000 Hz.

A forced whispered voice must first be perceived in the better ear at not less than 5 feet with or without the use of a hearing aid or, if tested by use of an audiometric device, average hearing loss in the better ear must not be greater than 40 decibels at 500 Hz,1,000 Hz, and 2,000 Hz with or without a hearing aid when the audiometric device is calibrated to American National Standard (formerly ASA Standard) Z24.5n (1951).

Throat. Note evidence of disease, irremediable deformities of the throat likely to interfere with eating or breathing, or any laryngeal condition which could interfere with the safe operation

Thorax-heart. Stethoscopic examination is required. Note murmurs and arrhythmias, and any past or present history of cardiovascular disease, of a variety known to be accompanied by syncope, dyspnea, collapse, enlarged heart, or congestive heart failures. Electrocardiogram is required when findings so indicate.

Blood pressure. Record with either spring or mercury column type of sphygmomanometer. If the blood pressure is consistently above 160/90 mm. Hg., further tests may be necessary to determine whether the applicant or school bus driver is qualified to operate a school bus.

Lungs. If any lung disease is detected, state whether active or arrested; if arrested, state how long it has been quiescent.

Gastrointestinal system. Note any diseases of the gastrointestinal system.

Abdomen. Note wounds, injuries, scars, or weakness of muscles of abdominal walls which interfere with normal function. Note any hernia present. State how long and if adequately contained by truss.

Abnormal masses. If present, note location, if tender, and whether applicant or school bus driver knows how long they have been present. If the diagnosis suggests that the condition might interfere with the control and safe operation of a school bus, conduct more stringent tests.

Tenderness. When noted, state where most pronounced, and suspected cause. If the diagnosis suggests that the condition might interfere with the control and safe operation of a school bus, more stringent tests shall be conducted.

Genito-urinary. Urinalysis is required. Acute infections of the genito-urinary tract (as defined by local and state public health laws), indications from urinalysis of uncontrolled diabetes, symptomatic albumin-urea or other findings indicative of health conditions likely to interfere with the control and safe operation of a school bus, will disqualify an applicant or school bus driver from operating a school bus. Neurological. If positive Romberg is re-

ported, indicate degrees of impairment. Pupillary reflexes should be reported for both light and accommodation. Knee jerks are to be reported absent only when not obtainable upon reinforcement and as increased when foot is actually lifted from the floor following a light blow on the patella, sensory vibratory and positional abnormalities should be noted.

Extremities. Carefully examine upper and lower extremities. Record the loss or impairment of leg, foot, toe, arm, hand, or fingers. Note any and all deformities, the presence of atrophy, semi-paralysis or paralysis or varicose veins. If a hand or finger deformity exists, determine whether sufficient grasp is present to enable the applicant or school bus driver to secure and maintain a grip on the steering wheel. If a leg deformity exists, determine whether mobility and strength exist to enable the applicant or school bus driver to operate pedals properly. Particular attention should be given to and a record should be made of, any impairment or structural defect which may interfere with the applicant's or school bus driver's ability to operate a school bus

Spine. Note deformities, limitation of motion, or any history of pain, injuries, or disease, past or presently experienced in the cervical or lumbar spine region. If findings so dictate, radiologic and other examinations should be used to diagnose congenital or acquired defects; or spondylolisthesis and scoliosis.

Recto-genital studies. Diseases or conditions causing discomfort should be evaluated carefully to determine the extent to which the condition might be handicapping while lifting, pulling, or during periods of prolonged driving that might be necessary as part of the school bus driver's duties.

Laboratory and other special findings. Urinalysis is required, as well as such other tests Official states of the medical history or findings upon physical examination may indicate are necessary. A serological test is required if the applicant or school bus driver has a history of luetic infection or present physical findings indicate the possibility of latent syphilis. Other studies may be ordered by the examining health care profes-

Diabetes. Has diabetes mellitus which is currently controlled by insulin, a hypoglycemic drug, or diet and does not interfere with the ability to control and operate a school bus safely. However, the applicant or school bus driver shall be advised to obtain adequate medical supervi-

Arizona Administrative Register

Notices of Proposed Rulemaking

Exhibit B. Proof of Completion of Behind-the-wheel Training and Driving Test

ARIZONA DEPARTMENT OF PUBLIC SAFETY

PROOF OF COMPLETION OF BEHIND-THE-WHEEL TRAINING AND DRIVING TEST

A.R.S. § 28-414.01(B)(2) requires an applicant to "complete ... behind the wheel training," before being certified as a school bus driver.

The behind-the-wheel instructor shall complete this form to show that the applicant has completed a minimum of 20 hours of behind-the-wheel training as required by R17-9-102(E)(6).

Applicant's NameEmployer/School Dist.	of Training Employer No./Dist.No.
Hours of training and type of school bus: Type C Type D	
Type A, B, C, or D Special Needs School Bus	

ROAD TEST

After completing a minimum of 20 hours of behind-the-wheel training, an applicant shall demonstrate the ability to operate a school bus and transport passengers safely by passing an operations test. The behind-the-wheel instructor shall accompany the applicant and rate the applicant's performance.

INSTRUCTION

This test shall be conducted on highways. Simulated stops (passenger loading and unloading and railroad grade crossings) shall be in areas where traffic will not be disrupted.

Arizona Administrative Register Notices of Proposed Rulemaking

DRIVING TEST SCORE SHEET

A behind-the-wheel instructor shall place an X on a dot if the applicant demonstrates competence in the following areas:

PRE-OPERATIONAL CHECK		DRIVING TECHNIQUES	
Checks all items listed in R17-9-108(D)(2)	•	Uses turn signals when changing lanes	•
Fastens seat belt before moving the school but	c •	Uses turn signals when making turns	•
Pastens seal deli delote moving the sendor our	,	Uses proper lanes when turning	•
GEAR SELECTION & CLUTCH	6	Activates turn signal within 100 ft. of turn	•
	•	Maintains distance between school bus and	
Selects proper gear	•	other vehicles appropriate for speed and	
Coordinates use of clutch & accelerator	•	traffic and weather conditions	•
Performs downshifting/double-clutching	•	Drives at speed that is legal and appropriate	
procedures		for conditions	•
Is able to start motion of school bus on a grad		ANT BOARDONE	
BRAKES		PASSENGER LOADING/UNLOADING AREA	
Applies brakes smoothly	•	Uses 4 or 8-light system	•
Observes air pressure, vacuum hydraulic, gau	ges •	Extends stop arm when stopping	•
Observes an pressure, vacuum nyuruume, ga-	5	Positions school bus according with	
MIRRORS		standards in R17-9-104(B) when loading	
Checks for proper adjustment of outside and		and unloading passengers	•
inside mirrors	•		
inside initiois	_	BACKING	
STOPS FOR RAILROADS		Complies with R17-9-104(B)(13) and (14)	
Stops within 50 ft., but not less than 15 ft.	•	Uses assistance when backing adjacent	
Activates hazard lamps a minimum of 100 ft.	•	to a school	•
Stops, opens service door and driver's		Sounds horn or an alarm that works	
side window	•	automatically with backup lamps	•
Looks and listens for trains	•	Observes backing procedure in all situations	•
Closes service door before moving across	_		
the railroad tracks	•	PARKING	
Crosses railroad crossing without changing	Ť	Uses proper parking procedures	•
gears in the school bus	•	Uses parking brake system properly	•
gears in the school bus	-	Uses proper gear placement when parking	•
		* * -	
The following are grounds for immediate reject	ion:		
1. A chargeable accident during training.			
2. Instructor having to take controls of school b	us because of	unsafe driving performance.	
3. Violations of A.R.S. Title 28 that could cause	an accident of	or injury to passengers.	
5. Violations of A.R.S. Title 20 dial could			
Based on the driving test given, I conclude that			
——————————————————————————————————————		Applicant's Name	
is • is not • qualified to operate a school b	use and tranen	ort passengers safely	
is • is not • qualified to operate a school of	no and nansh.	ore passengers survey.	
Behind-the-wheel Instructor	Cert. No.	Date	

TITLE 19. ALCOHOL, HORSE AND DOG RACING, LOTTERY, AND GAMING CHAPTER 3. ARIZONA STATE LOTTERY COMMISSION

PREAMBLE

R19-3-305

Rulemaking Action

New Section

2. The specific authority for the rulemaking, including both the authorizing statute (general) and the statutes the rules are implementing (specific):

Authorizing statute: A.R.S. § 5-504(B)
Implementing statute: None listed

Implementing statute: None listed
The agency also listed R19-3-301 as part of its authorization for rulemaking.

3. The name and address of agency personnel with whom persons may communicate regarding the rule:

Name:

Ralph W.E. Decker, Executive Director

Address:

Arizona State Lottery Commission

4740 East University Phoenix, Arizona 85034

Telephone:

(602) 921-4400

4. An explanation of the rule, including the agency's reasons for initiating the rule:

This rule sets forth provisions unique to the conduct of the Arizona Lottery's instant games. The provisions of this rule are necessary to implement the requirements of A.R.S. § 5-504(B) which have not been specified generically in A.A.C. R19-3-301. The unique provisions described in these rules are the nature and location of play symbols, the ticket number, the validation code, the prize denominations, and the method for selecting a winning ticket.

5. A showing of good cause why the rule is necessary to promote a statewide interest if the rule will diminish a previous grant of authority of a political subdivision of this state:

Not applicable.

6. The preliminary summary of the economic, small business, and consumer impact:

This game will allow players to play one of the most popular instant games in the country and provide the state with a potential increase in sales. The only impact this rule has upon Lottery retailers is to specify how they determine if a ticket is a winning ticket, and, if so, the prize amount.

7. The name and address of agency personnel with whom persons may communicate regarding the accuracy of the economic, small business, and consumer impact statement:

Name:

Ralph W.E. Decker

Address:

Arizona State Lottery Commission

4740 East University Drive Phoenix, Arizona 85034

Telephone:

(602) 921-4400

8. The time, place, and nature of the proceedings for the adoption, amendment, or repeal of the rule; or, if no proceeding is scheduled, where, when, and how persons may request an oral proceeding on the proposed rule:

Date:

July 21, 1995

Time:

10 a.m.

Location:

Arizona State Lottery Commission

4740 East University Drive

Phoenix, Arizona

Nature:

Public and commission meeting

 Any other matters prescribed by statute that are applicable to the specific agency or to any specific rule or class of rules:

The close of record for written and oral comments is currently scheduled for 5 p.m., July 20, 1995.

10. Incorporations by reference and their location in the rules:

None.

11. The full text of the rules follows:

TITLE 19. ALCOHOL, HORSE AND DOG RACING, LOTTERY, AND GAMING

CHAPTER 3. ARIZONA STATE LOTTERY COMMISSION

ARTICLE 3. INSTANT LOTTERY GAMES

Section

R19-3-305. "Bingo"

Illustration A. Horizontal, Vertical, or Diagonal Lines

Illustration B. Four Corners

Illustration C. Complete "X"

ARTICLE 3. INSTANT LOTTERY GAMES

R19-3-305. "Bingo"

- A. In the latex play area located on the right side of the ticket, four play areas called "PLAYER'S CARDS" appear and are identified as "CARD 1", "CARD 2", "CARD 3", and "CARD 4". Within each "CARD", five play symbols appear in a vertical row with "B" above and are one of the following: "1", "2", "3", "4", "5", "6", "7", "8", "9", "10", "11", "12", "13", "14", or "15". Five play symbols appear in a vertical row with "I" printed above and are one of the following: "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", or "29". Five play symbols appear in a vertical row with "N" printed above and are one of the following: "30", "31", "32", "33", "34", "35", "36", "37", "38", "39", "40", "41", "42", "43", "44", or "45". The third play spot in column "N" will always be the word "FREE". Five play symbols appear in a vertical row with "G" printed above and are one of the following: "46", "47", "48", "49", "50", "51", "52", "53", "54", "55", "56", "57", "58", or "59". Five play symbols appear in a vertical row with "O" printed above and are one of the following: "60", "61", "62", "63", "64", "65", "66", "67", "68", "69", "70", "71", "72", "73", "74", or "75".
- B. In the latex area located on the left side of the ticket is a play area identified as "CALLER'S CARD". Twentyfour play spots appear in three columns of eight and are one of the following: B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12, B13, B14, B15, I16, I17, I18, I19, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, N30, N31, N32, N33, N34, N35, N36, N37, N38, N39, N40, N41, N42, N43, N44, N45, G46, G47, G48, G49, G50, G51, G52, G53, G54, G55, G56, G57, G58, G59, G60, O61, O62, O63, O64, O65, O66, O67, O68, O69, O70, O71, O72, O73, O74, and O75.
- C. A pack-ticket number beginning with 500001 is located on the lower-left area on the back of the ticket.
- D. The retailer validation code verifies instant winners of a \$2, \$3, \$5, \$10, \$25, \$30, \$40, \$50, \$150, \$200, or \$250 ticket. The retailer validation code which corresponds with and verifies each of these winners is as follows:

= TWO \$40 = FRY\$2 \$50 = FTY\$3 = THR \$150 = ONF\$5 = FIV \$10 = TEN \$200 = THN\$250 = THY= TWF \$25 \$30 = TRY

E. A prize winner in the "BINGO" instant game is determined by removing the latex from the "CALLER'S CARD" play area on the front of the ticket to determine the play symbols. The player matches the play symbols on the "CALLER'S CARD" to the play symbols on the four "PLAYER'S CARDS". Neither the retailer validation code (or any portion thereof), the pack-ticket number (or any portion thereof), nor the validation number (or any portion thereof) are play symbols and are not usable or playable as such. If the player matches five consecutive play symbols on one of the four "PLAYER'S CARDS" in any horizontal, vertical, or diagonal line as shown in illustration number one on the back of each "BINGO" instant game and Illustration A, matches play symbols in all four corners in one of the four "PLAYER'S CARDS" as shown in illustration number two on the back of each "BINGO" card and Illustration B, or matches five consecutive play symbols in both diagonals forming an "X" in any one of the four cards as shown in illustration number three on the back of each "BINGO" instant game and Illustration C, the player wins the prize amount indicated on the appropriate winning "PLAYER'S CARD". Players can win up to four times on a ticket. The prizes are as follows:

Horizontal, vertical, or diagonal line,

\$2 (two dollars) or Card 1

Horizontal, vertical, or diagonal line,

\$3 (three dollars) or Card 2

Horizontal, vertical, or diagonal line,

\$5 (five dollars) or Card 1 plus Card 3 =

Horizontal, vertical, or diagonal line,

\$10 (ten dollars) or Card 3

Horizontal, vertical, or diagonal line,

\$25 (twenty-five dol-Card 4

lars) or

Horizontal, vertical, or diagonal line,

on Card 1, plus Card 2, plus

\$30 (thirty dollars) or Card 4

Horizontal, vertical, or diagonal line

on Card 1, plus Card 2, plus Card

\$40 (forty dollars) or 3, plus Card 4

Four corners, Card 2

\$50 (fifty dollars) or Both diagonal lines ("X"),

\$150 (one-hundred Card 1

fifty dollars) or

Four corners on Cards 1, plus four

corners on Card 3, plus a horizontal, vertical, or diagonal line

\$200 (two-hundred

dollars) or

Four corners on Card 2, plus an

on Card 4

"X" on Card 1

\$200 (two-hundred dollars) or

Four corners on Card 1, plus Card 2, plus Card 3, plus a horizontal,

vertical, or diagonal line on

\$250 (two-hundred

fifty dollars) or

Both diagonal lines ("X") on

Card 4

Card 3 =

\$1,000 (one-thou-

sand dollars) or

Both diagonal lines ("X") on

Card 4 =

\$10,000 (ten-thousand dollars) Illustration B. Four Corners

2 4-Corner

8 1 N G 0

2 - Match all bingo numbers in all 4 corners to win \$25 to \$250.

Illustration A. Horizontal, Vertical, or Diagonal Lines



1 - Match all bingo numbers in a complete horizontal, vertical, or diagonal line to win \$2 to \$25.

Illustration C. Complete "X"



3 - Match all bingo numbers to make a complete "X" (8 numbers + "Free Space") to win \$15 to \$10,000.